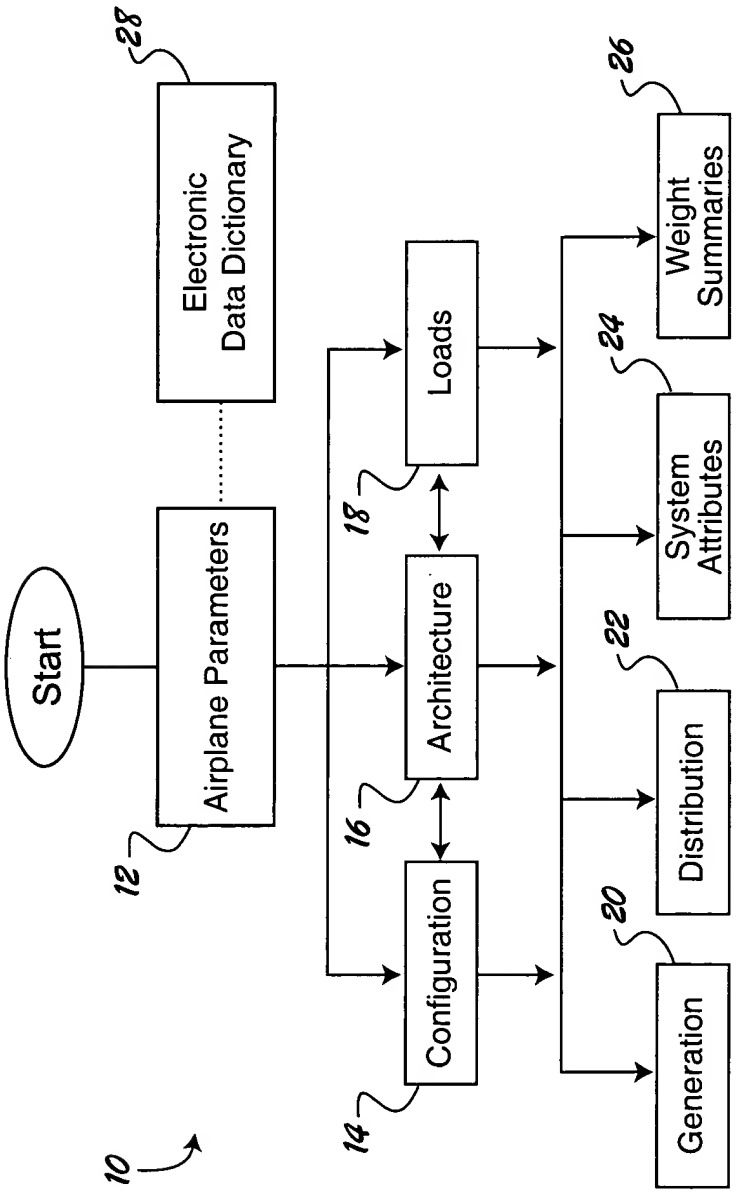


FIG. 1

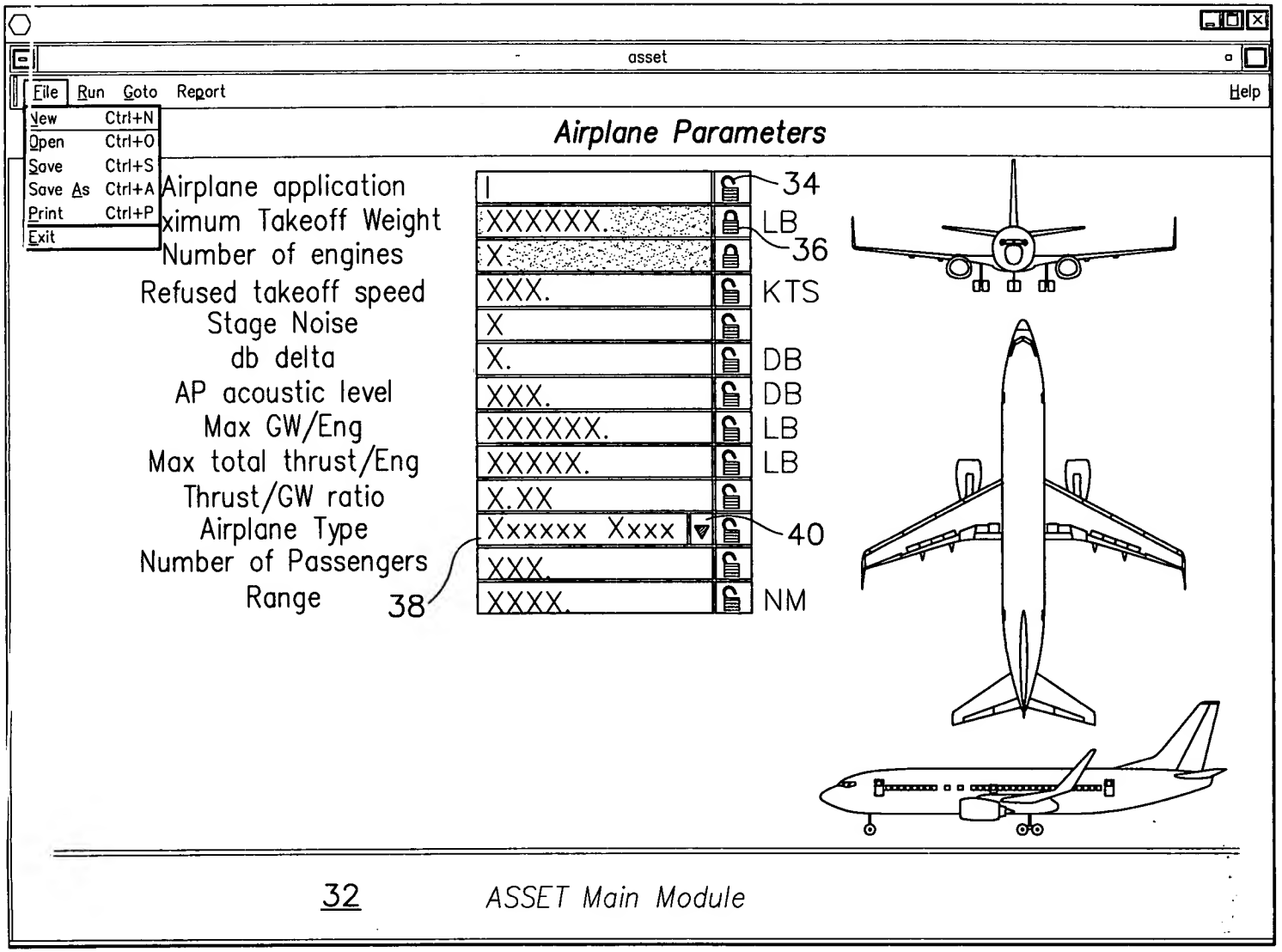


FIG. 2

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

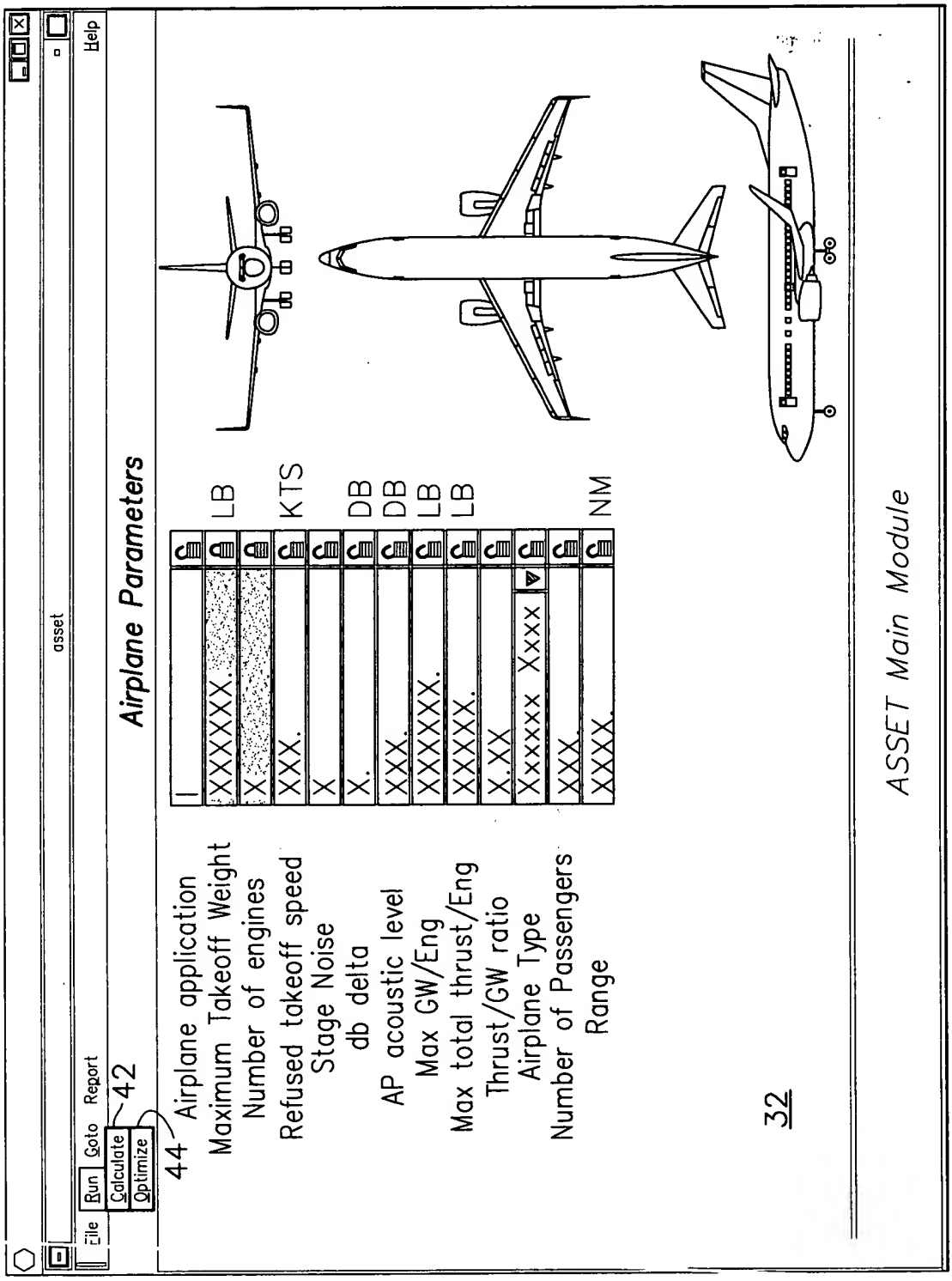


FIG. 3

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

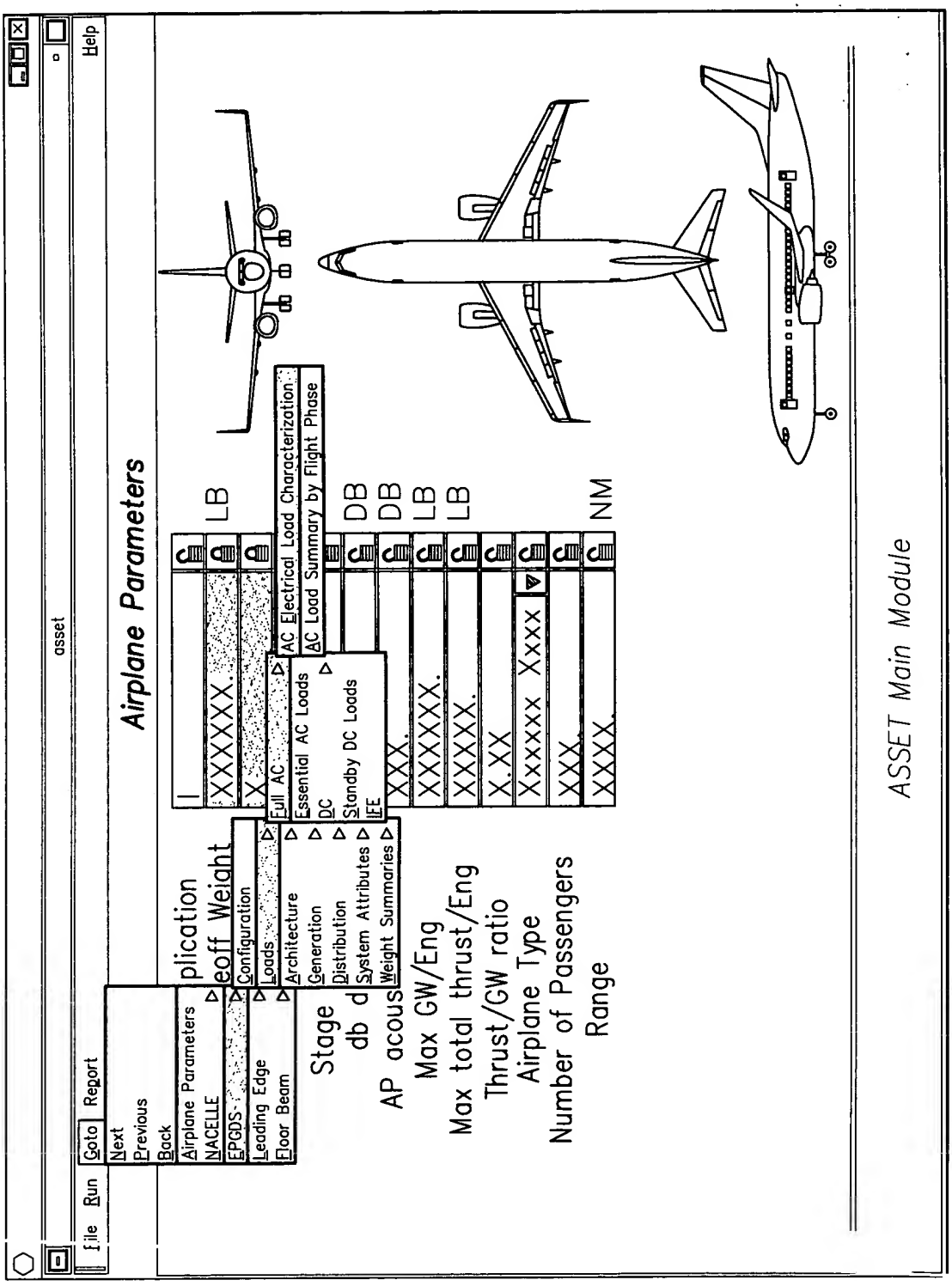


FIG. 4

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

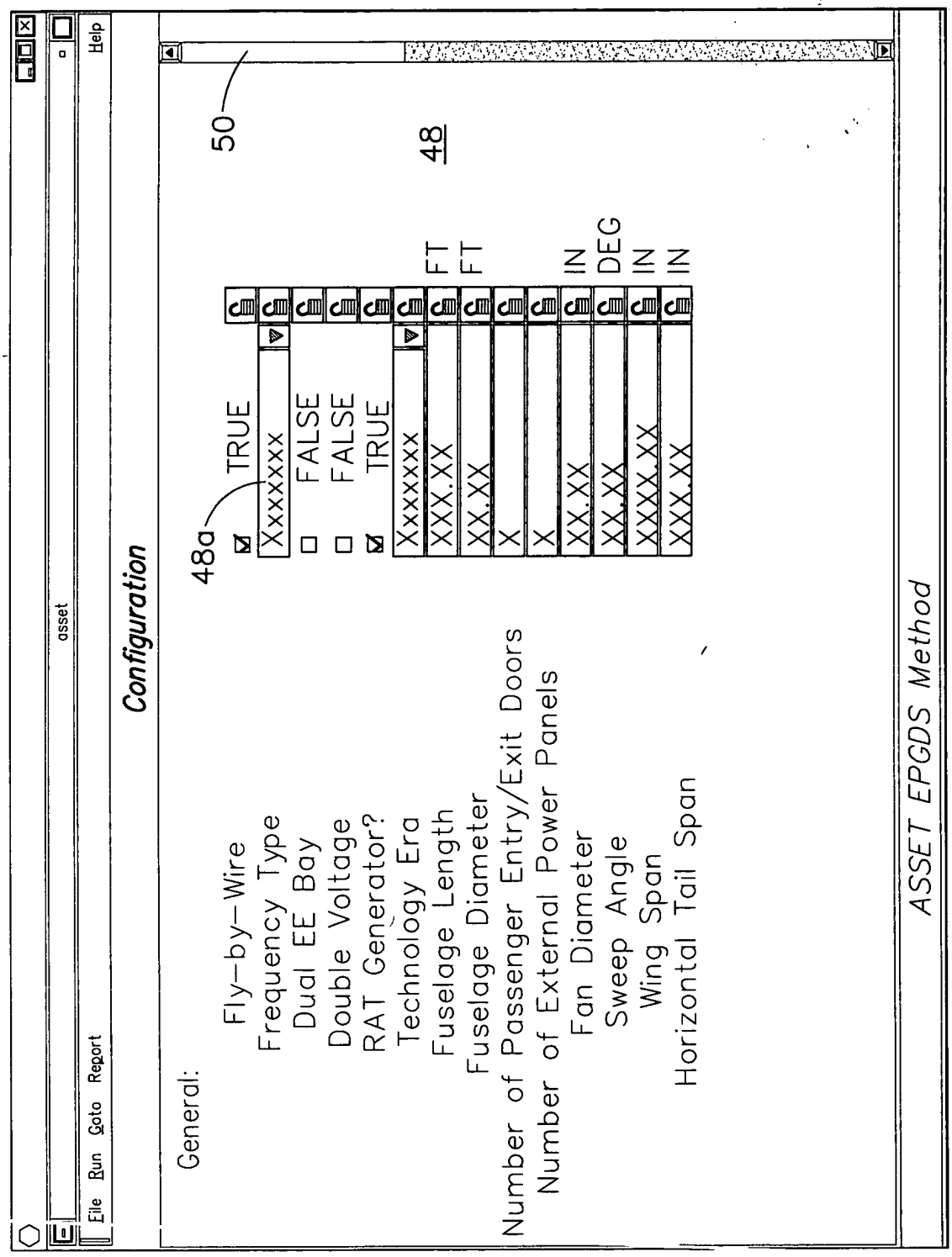


FIG. 5A

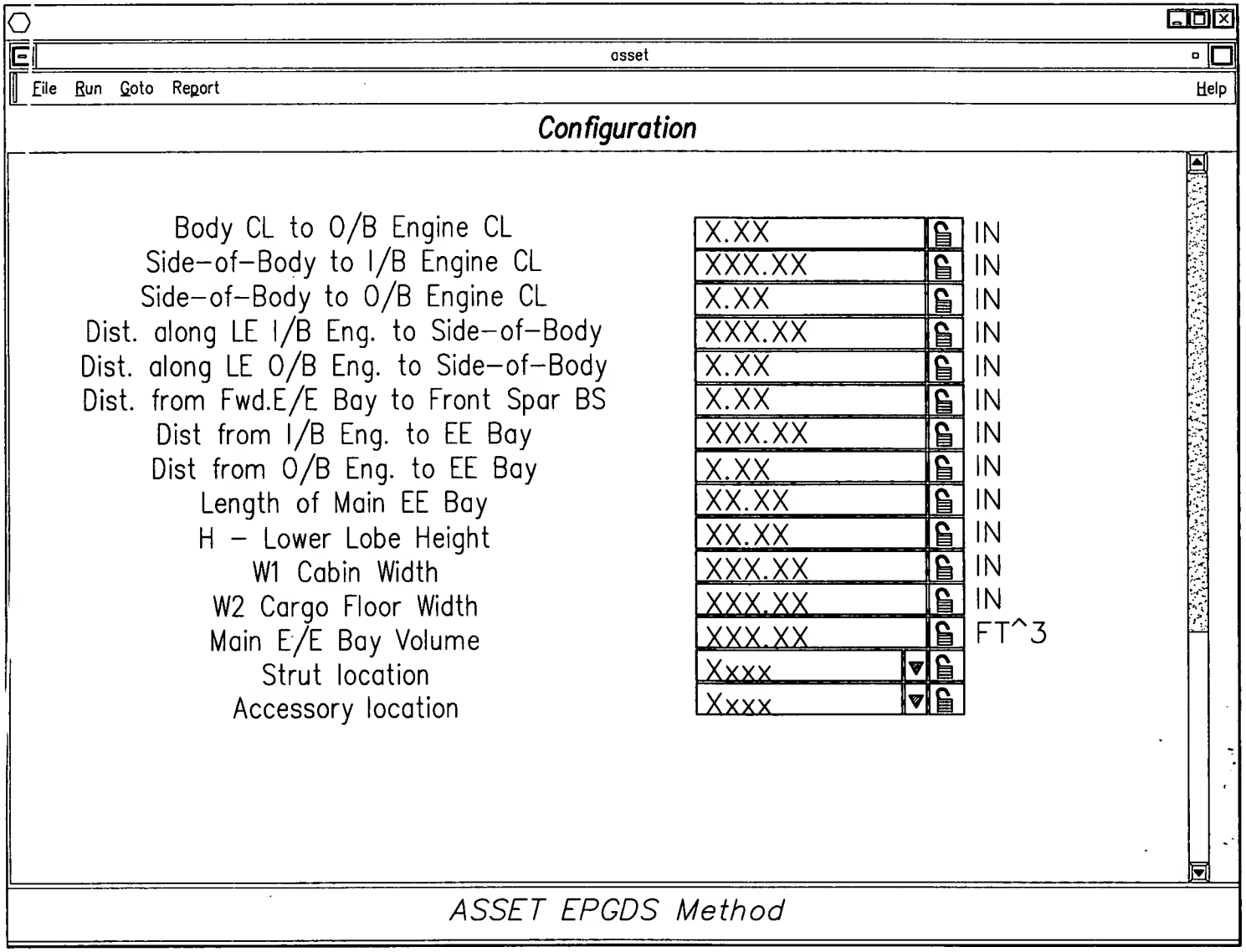


FIG. 5B

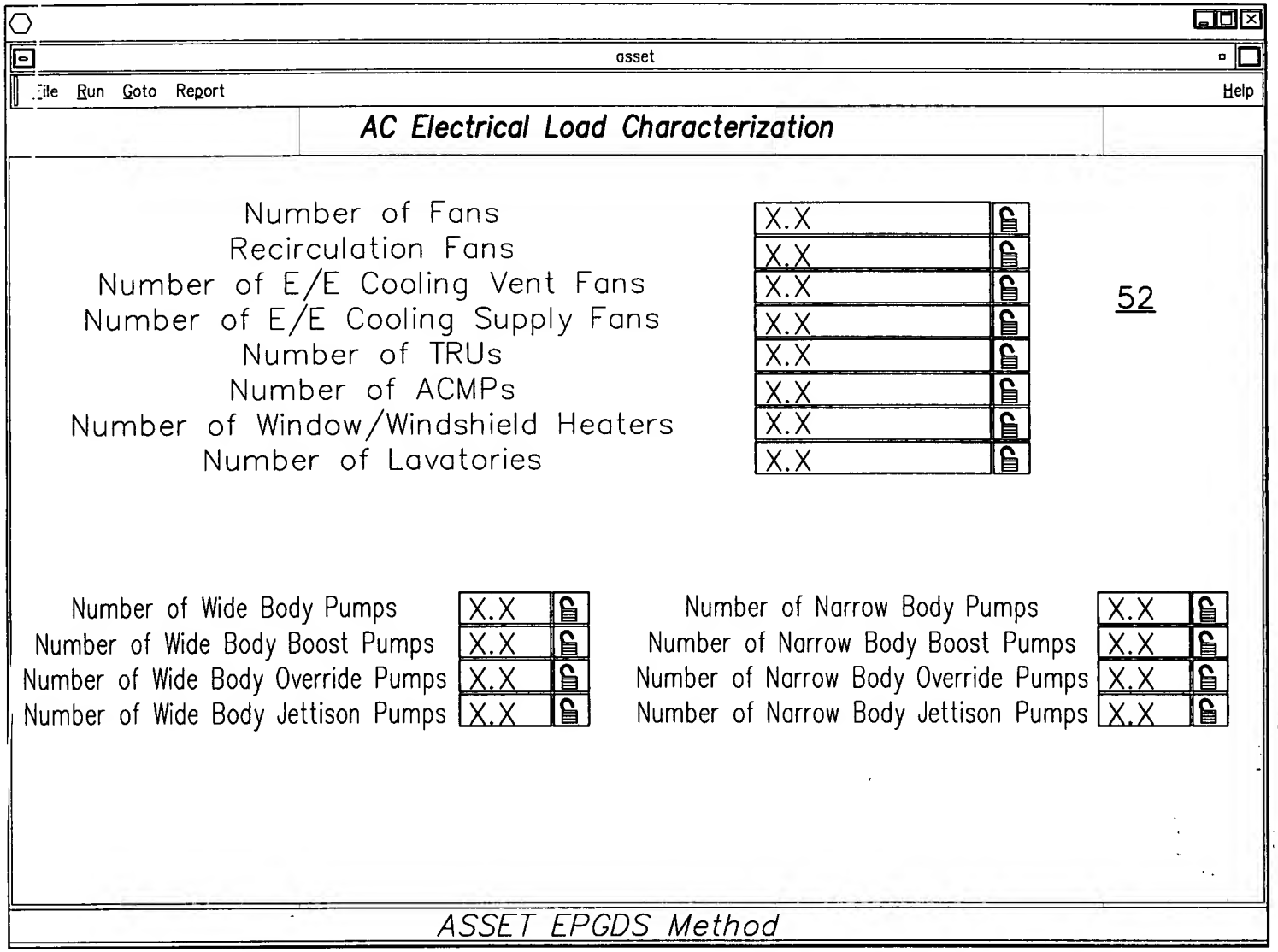


FIG. 6

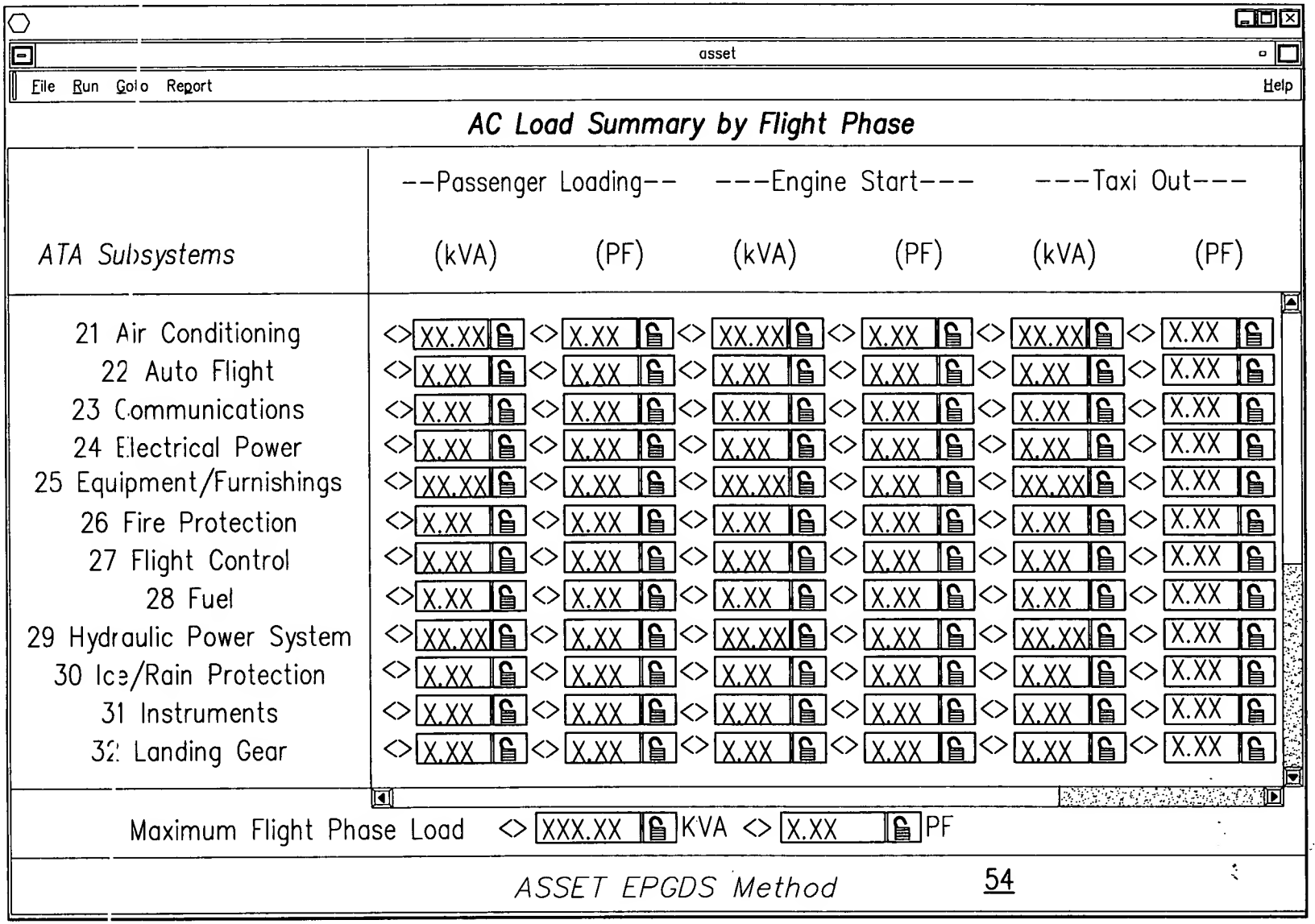


FIG. 7A

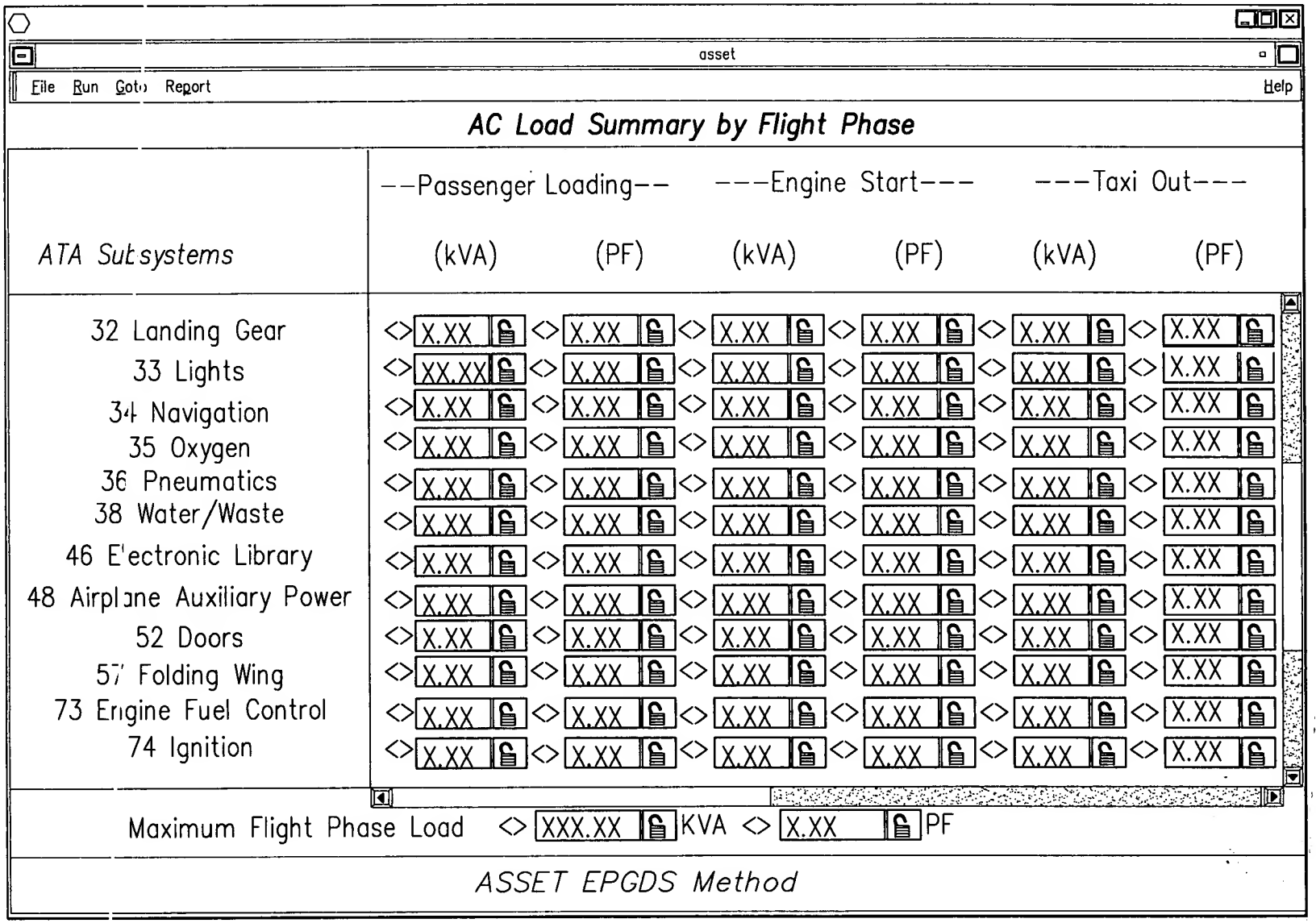


FIG. 7B

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

FIG. TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND
CLASS SUBEVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

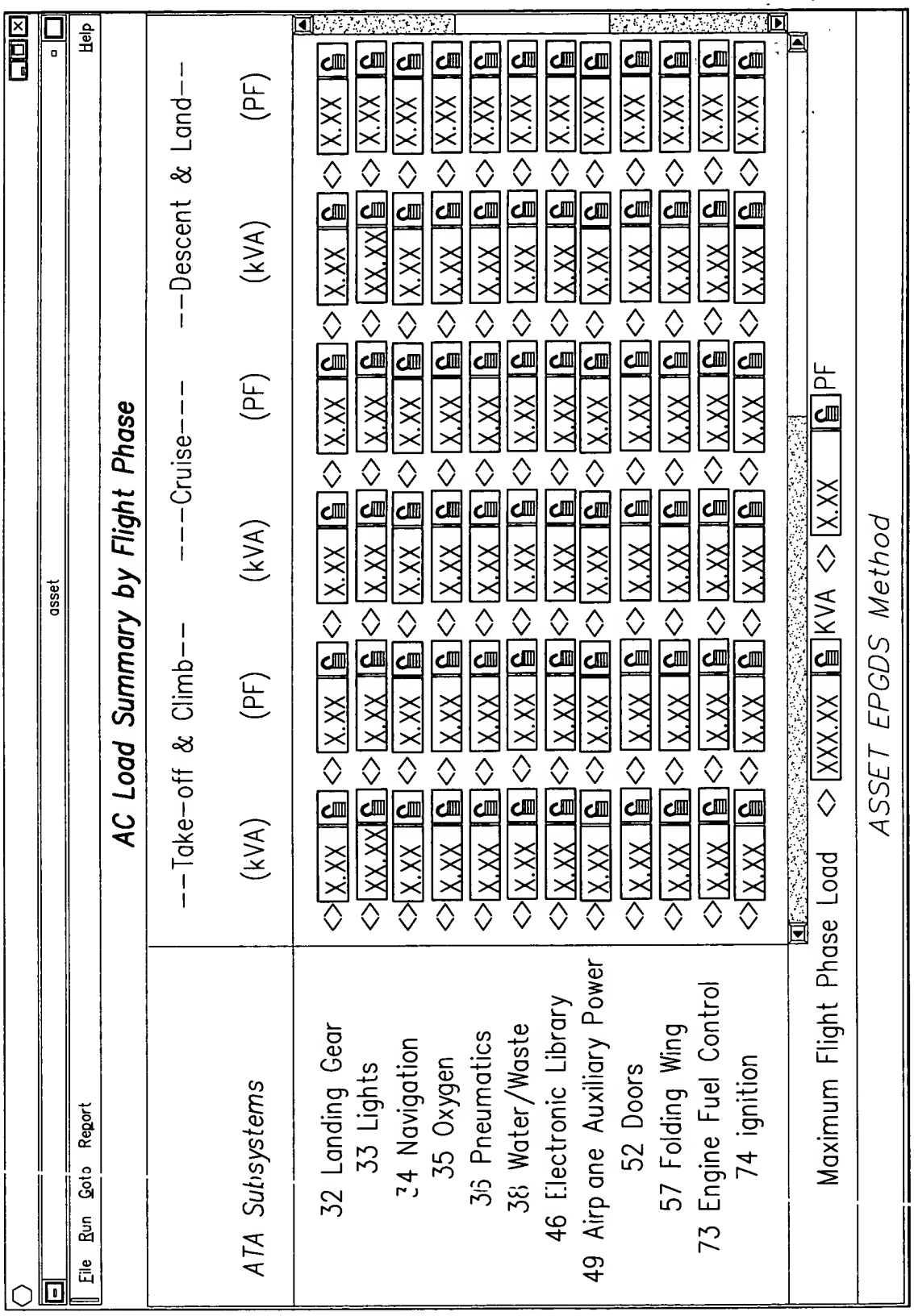


FIG. 7C

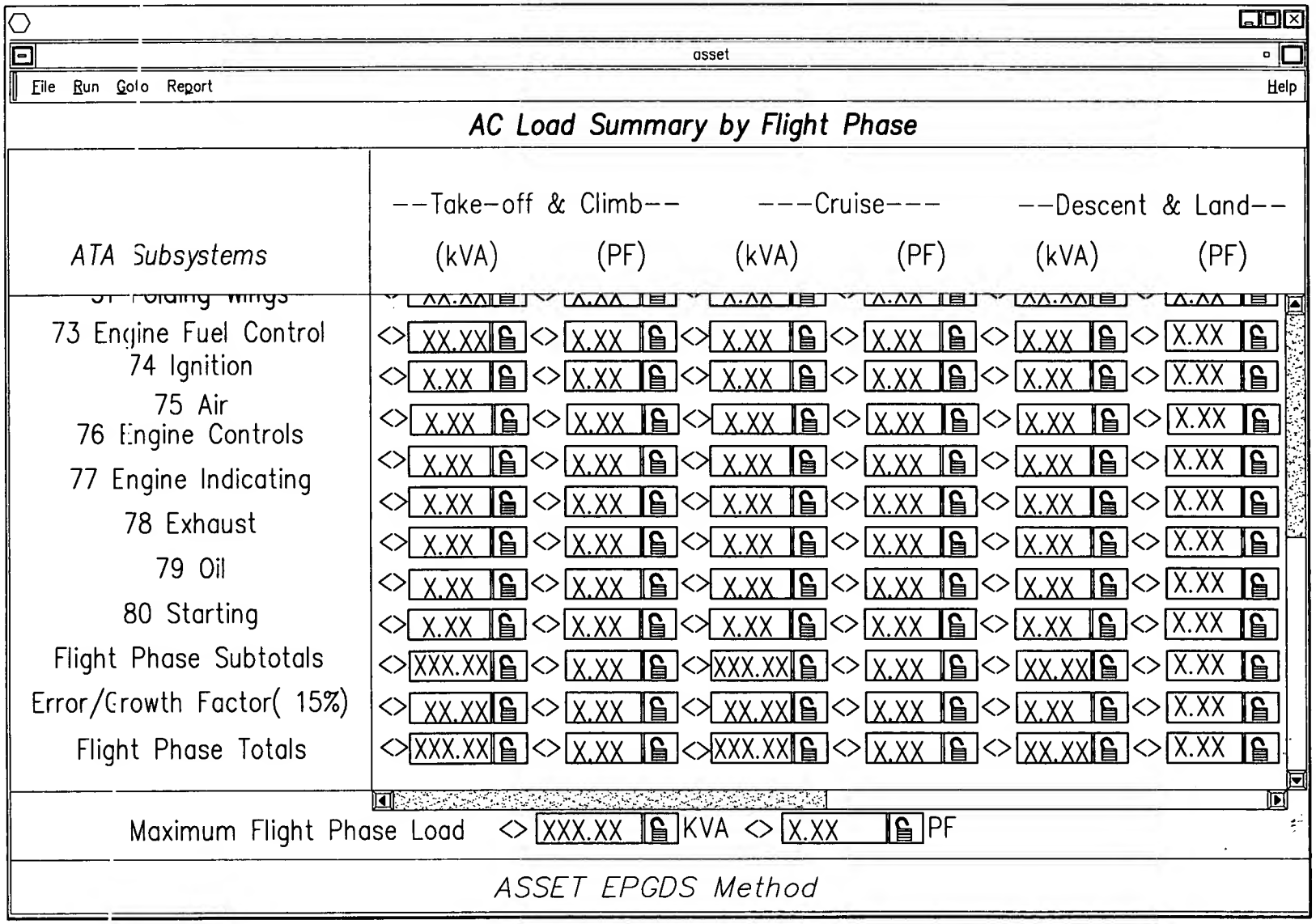


FIG. 7D

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

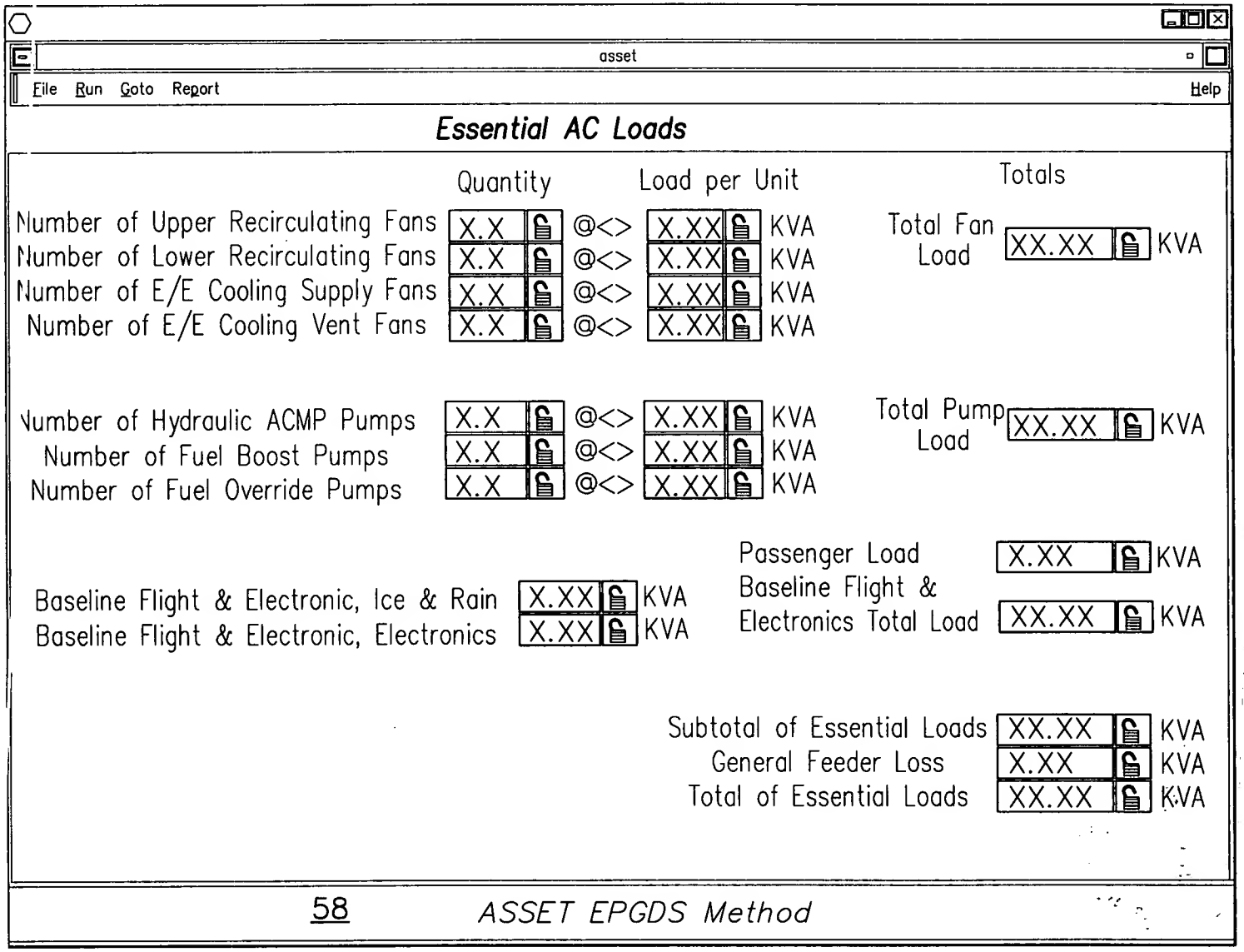


FIG. 8

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

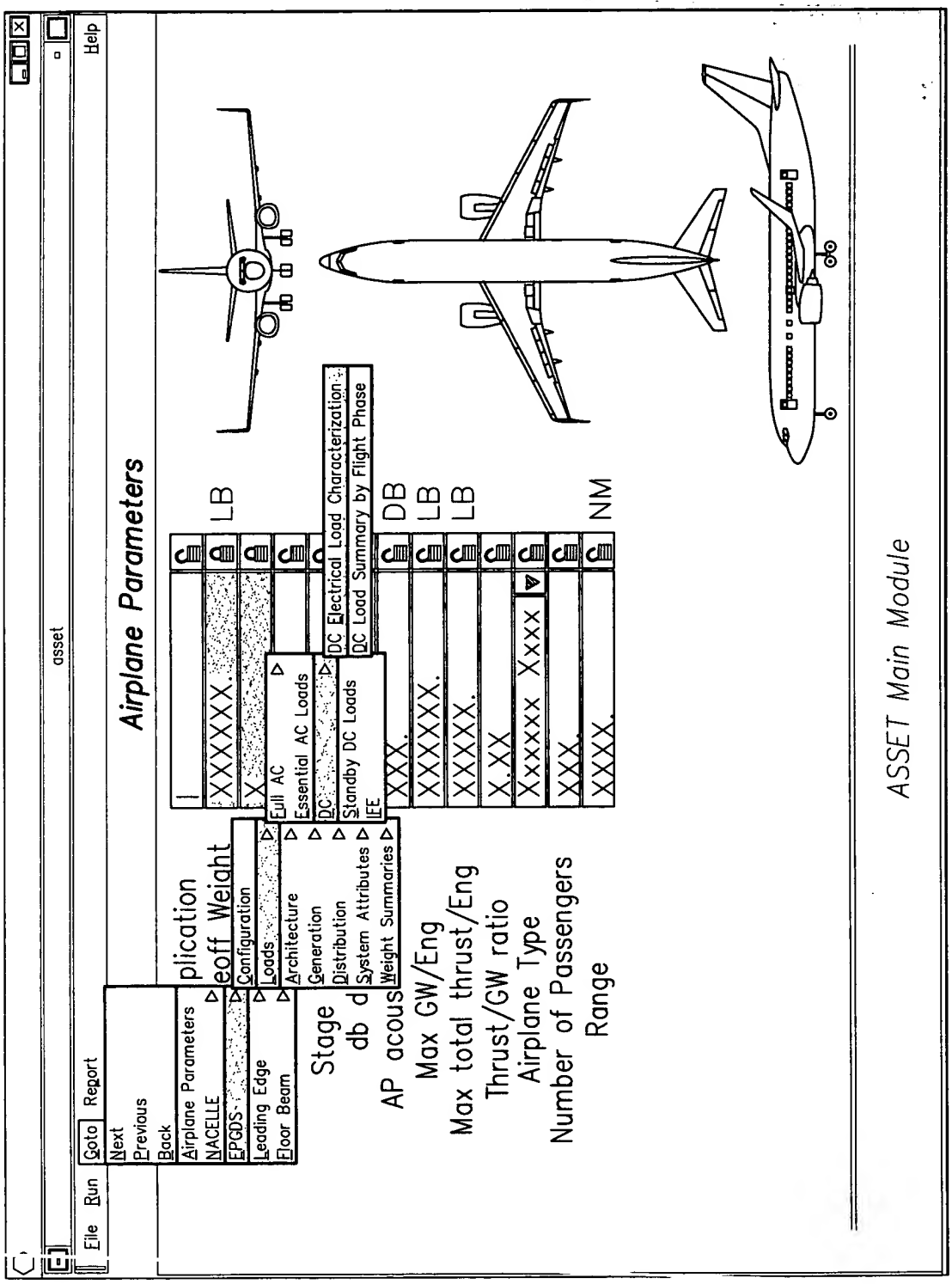


FIG. 9

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

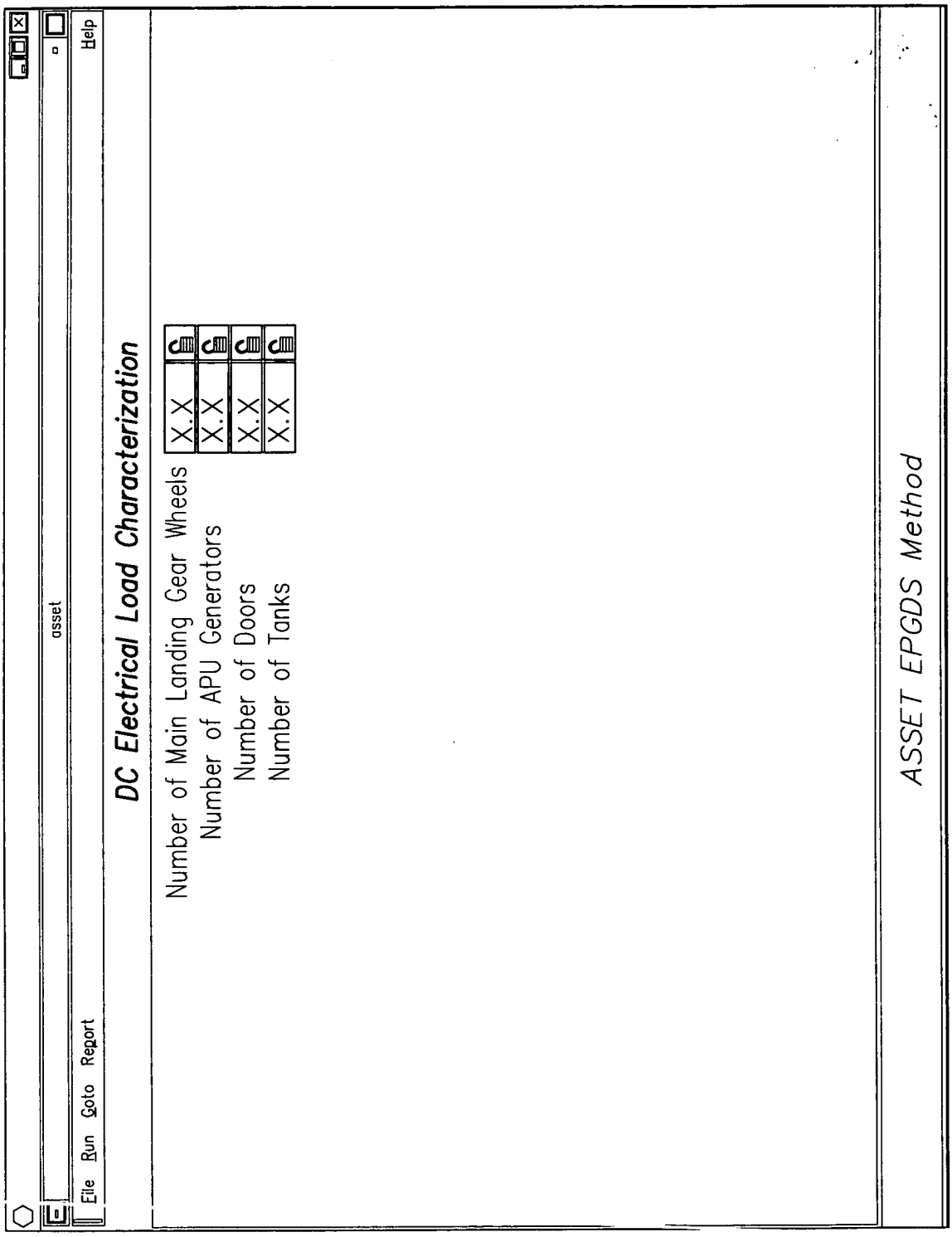


FIG. 10

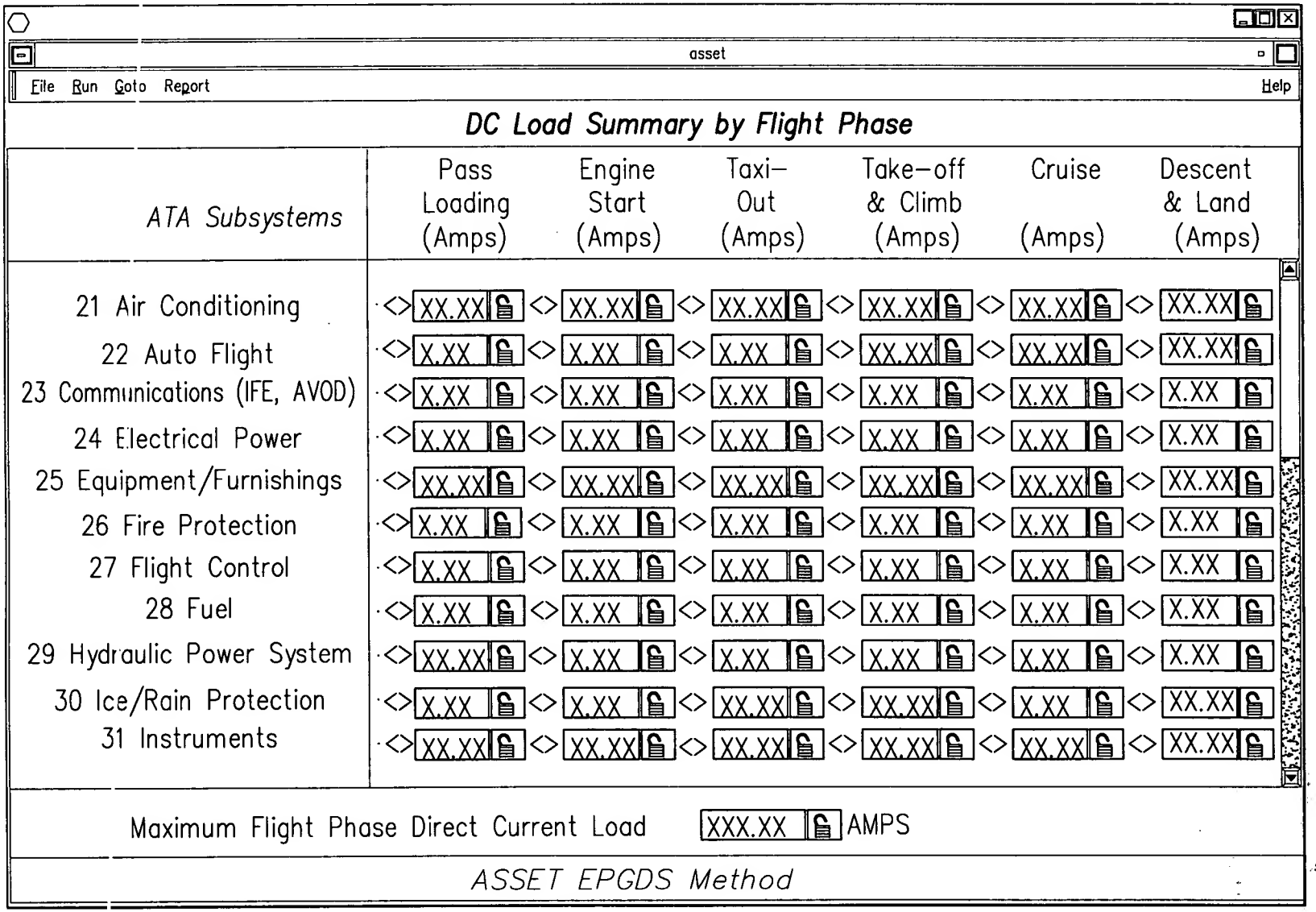


FIG. 11A

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229
O.G. FIG.
CLASS:SUB:
DRAFTSMAN
BY

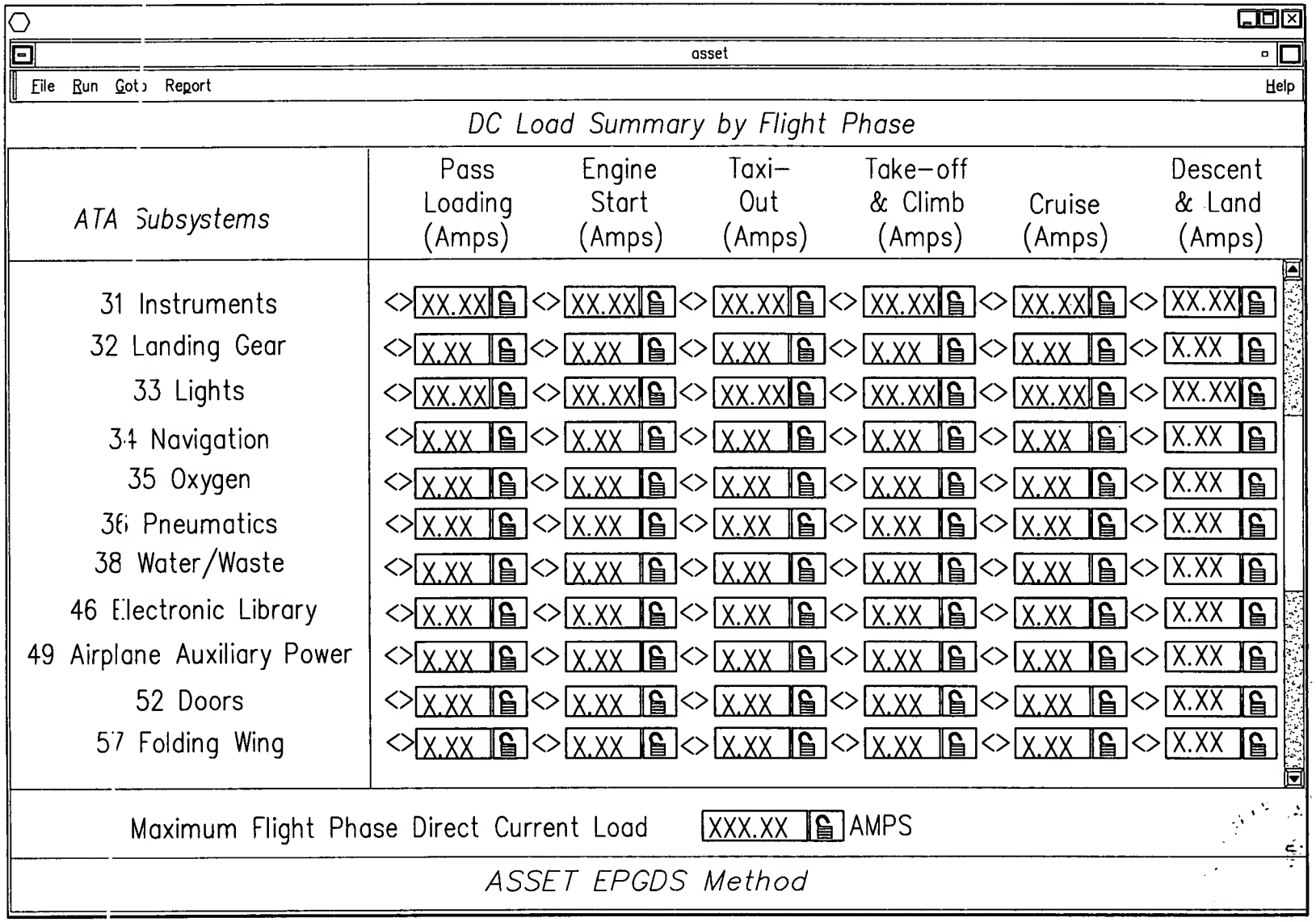


FIG. 11B

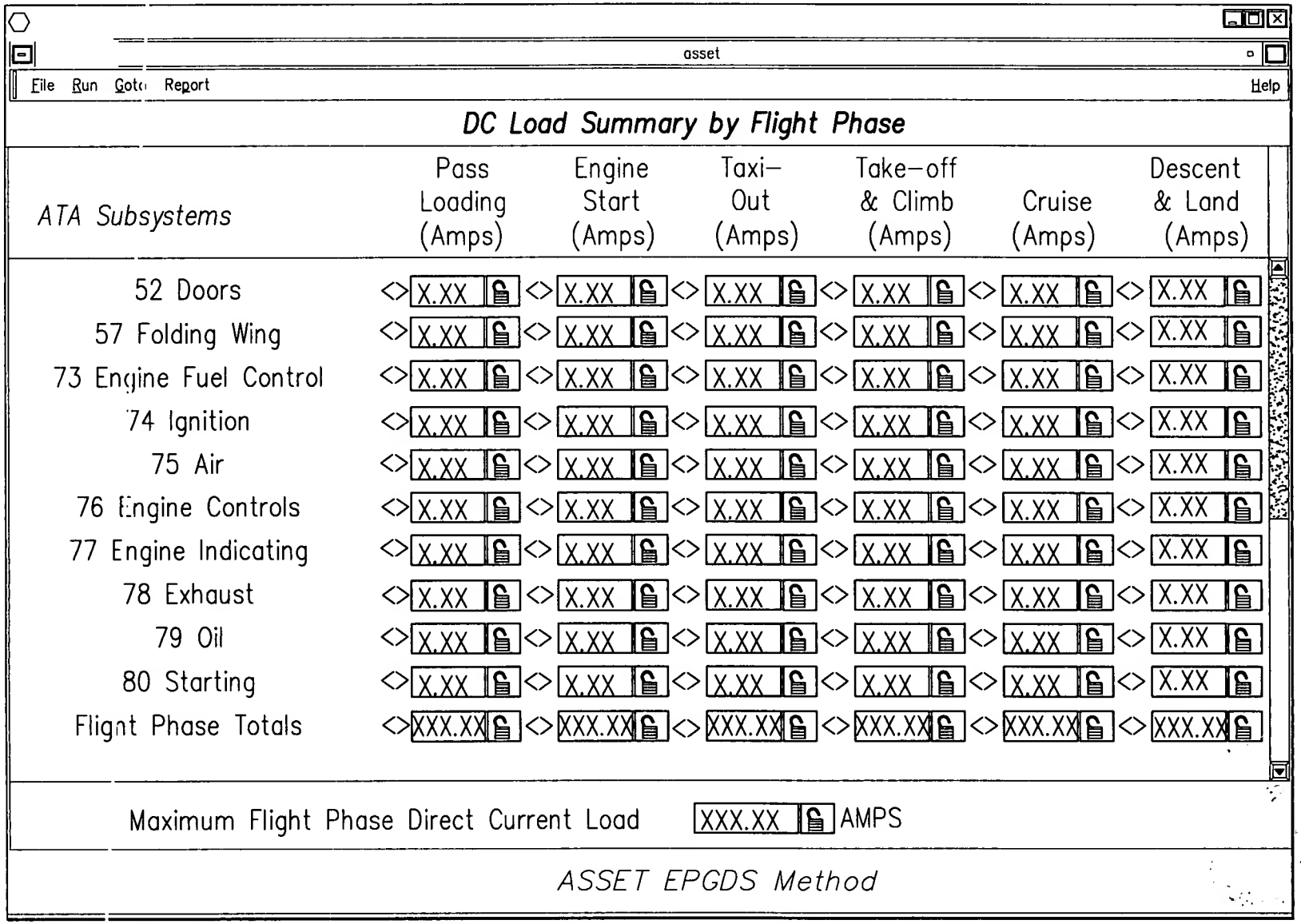


FIG. 11C

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND CLASSIFYING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND CLASS: EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

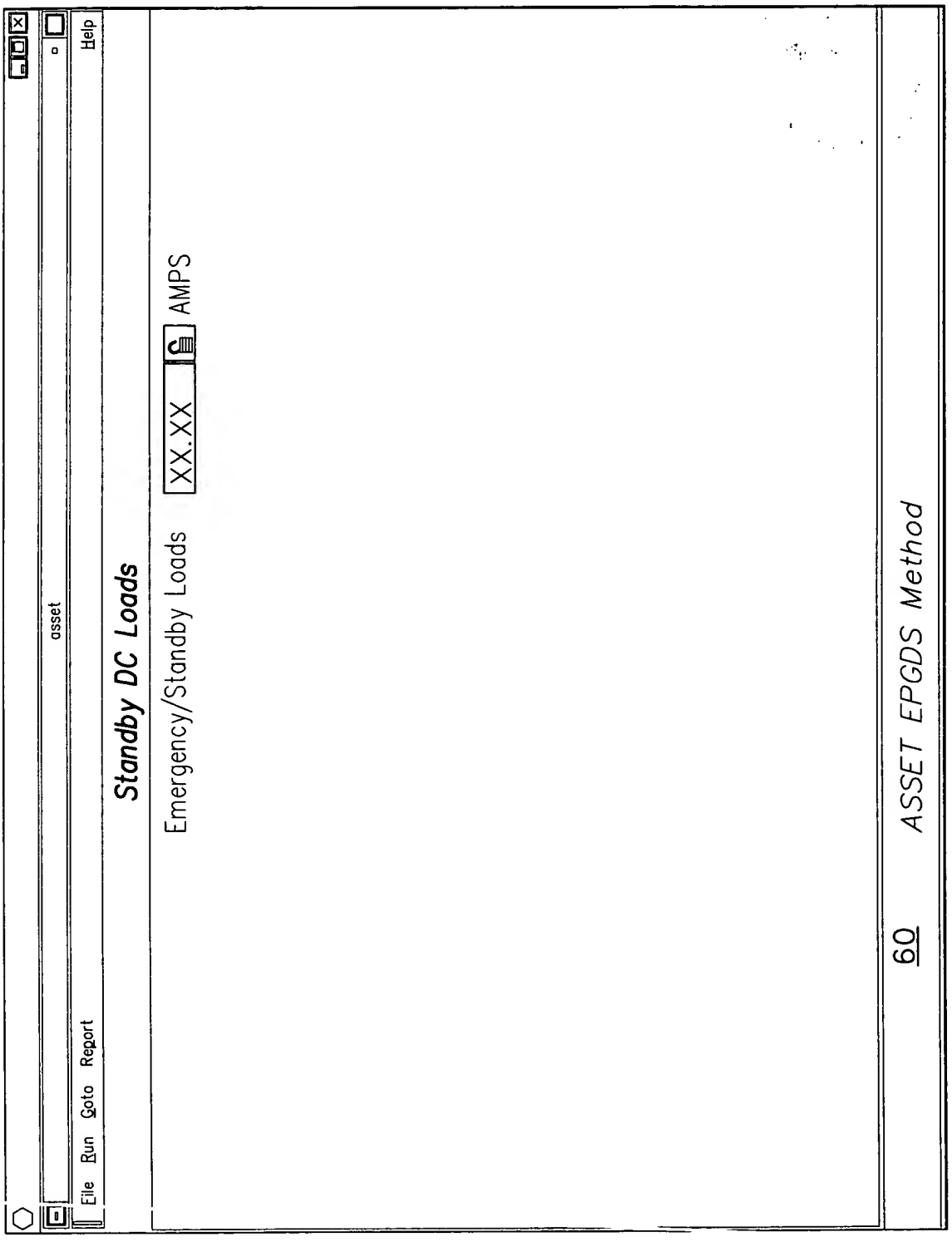


FIG. 12

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

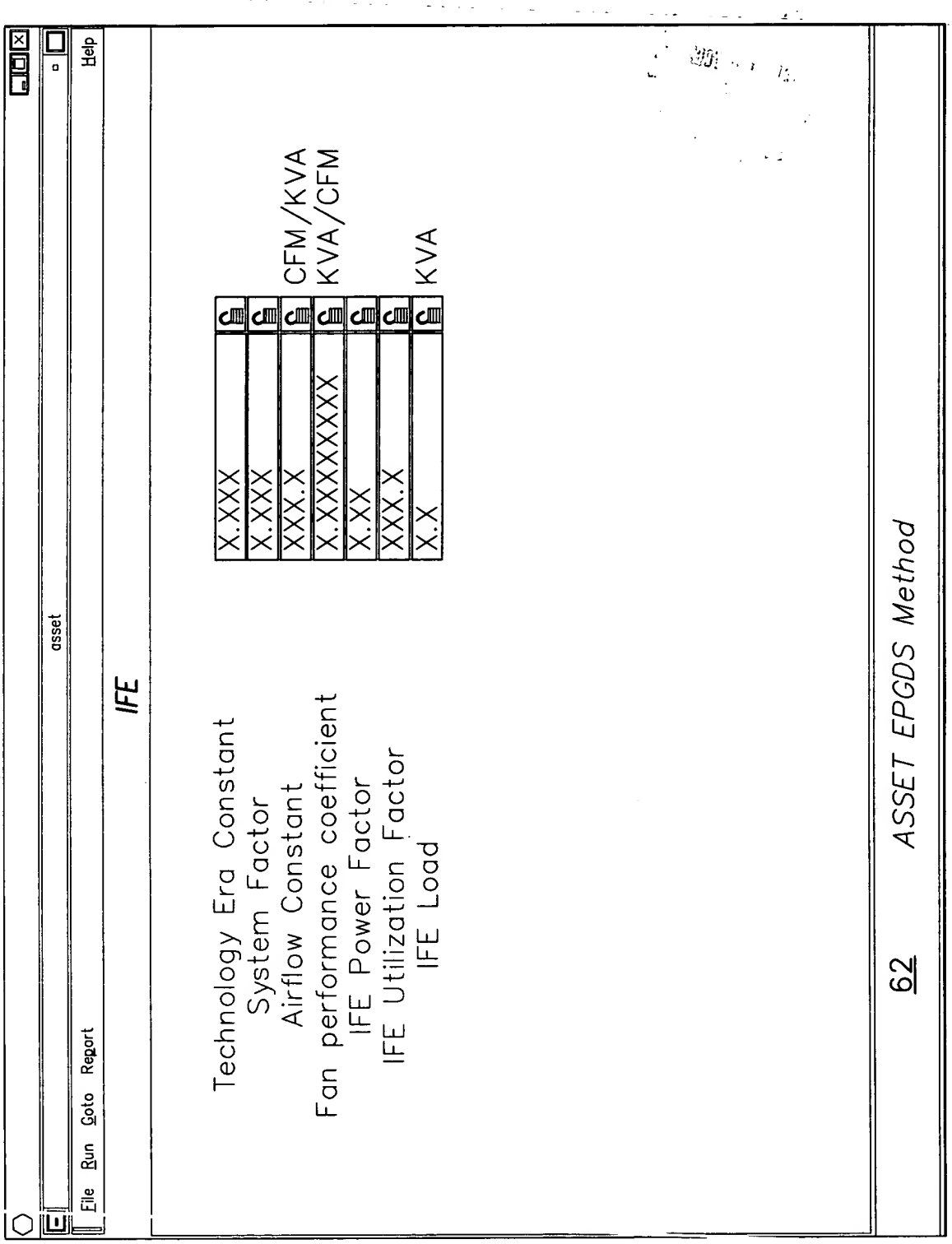


FIG. 13

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

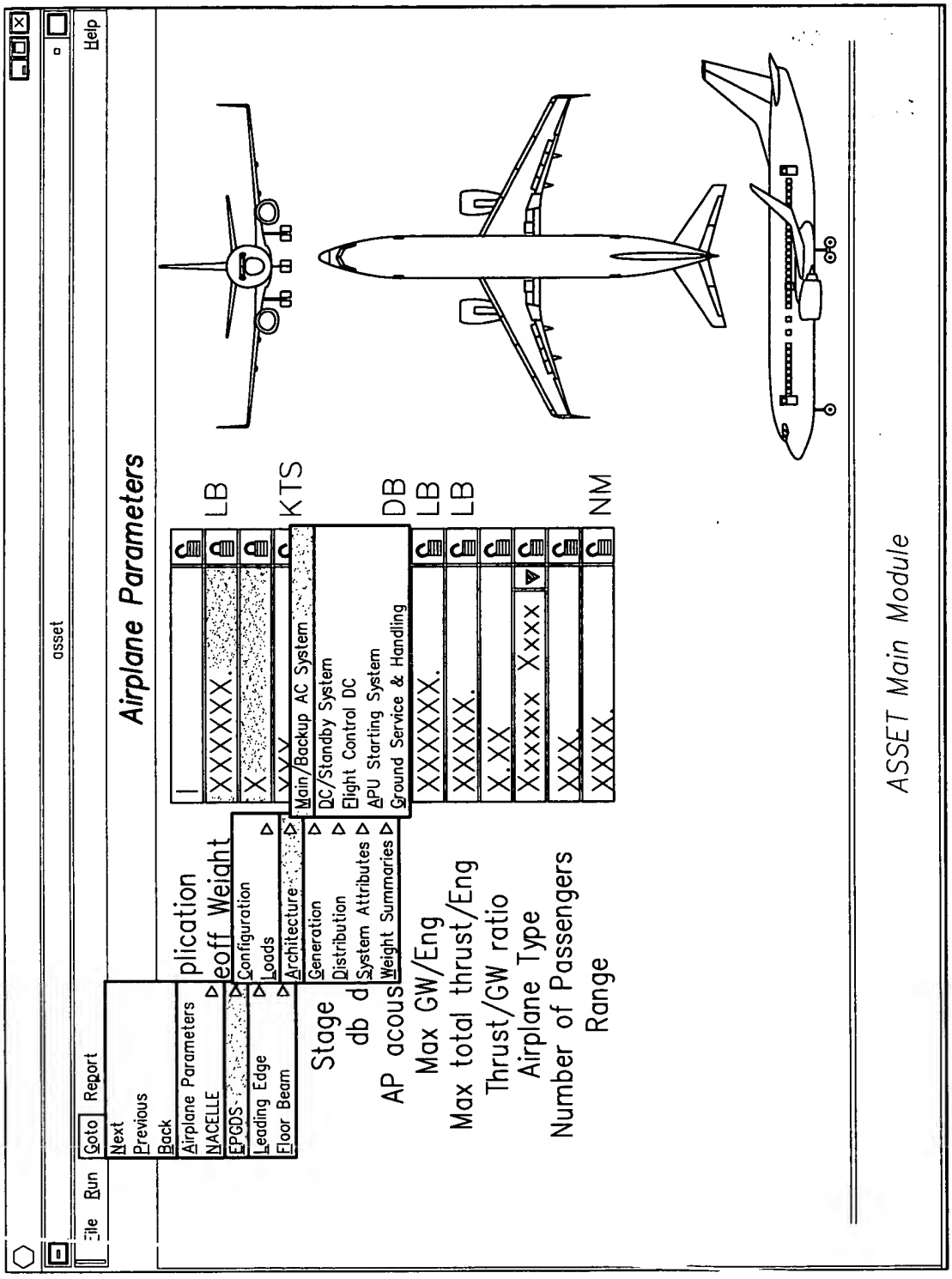


FIG. 14

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

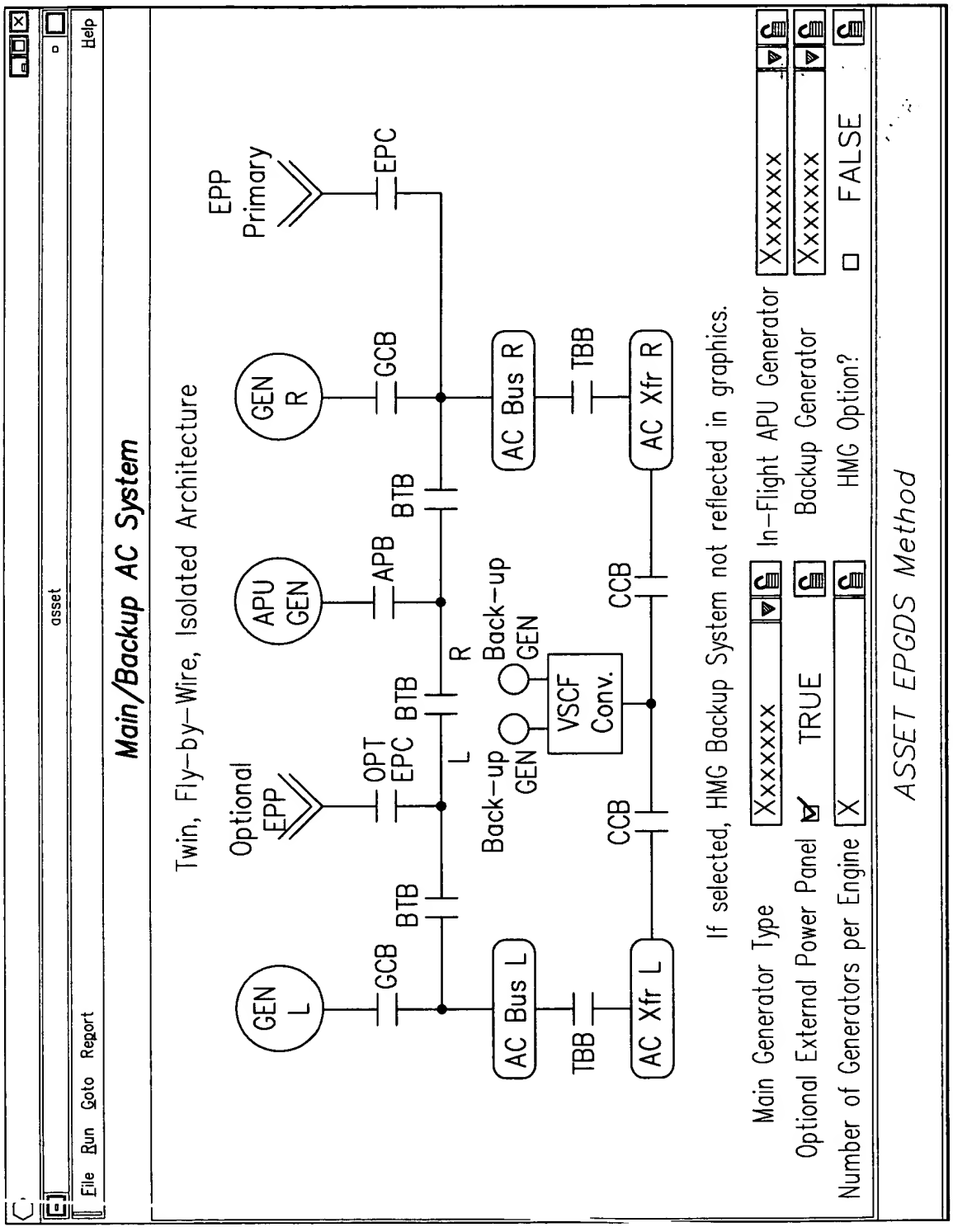


FIG. 15

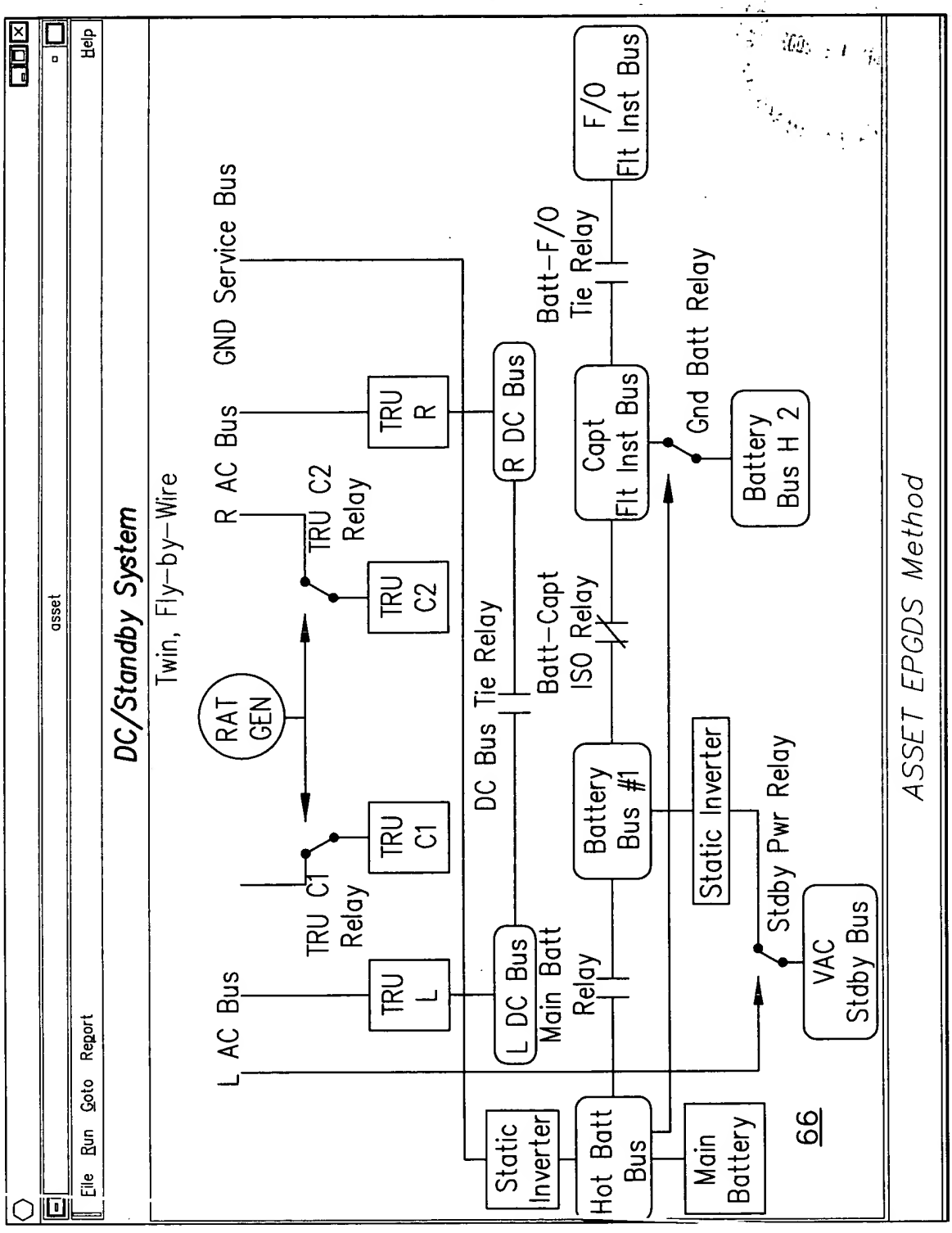


FIG. 16

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S 1 COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

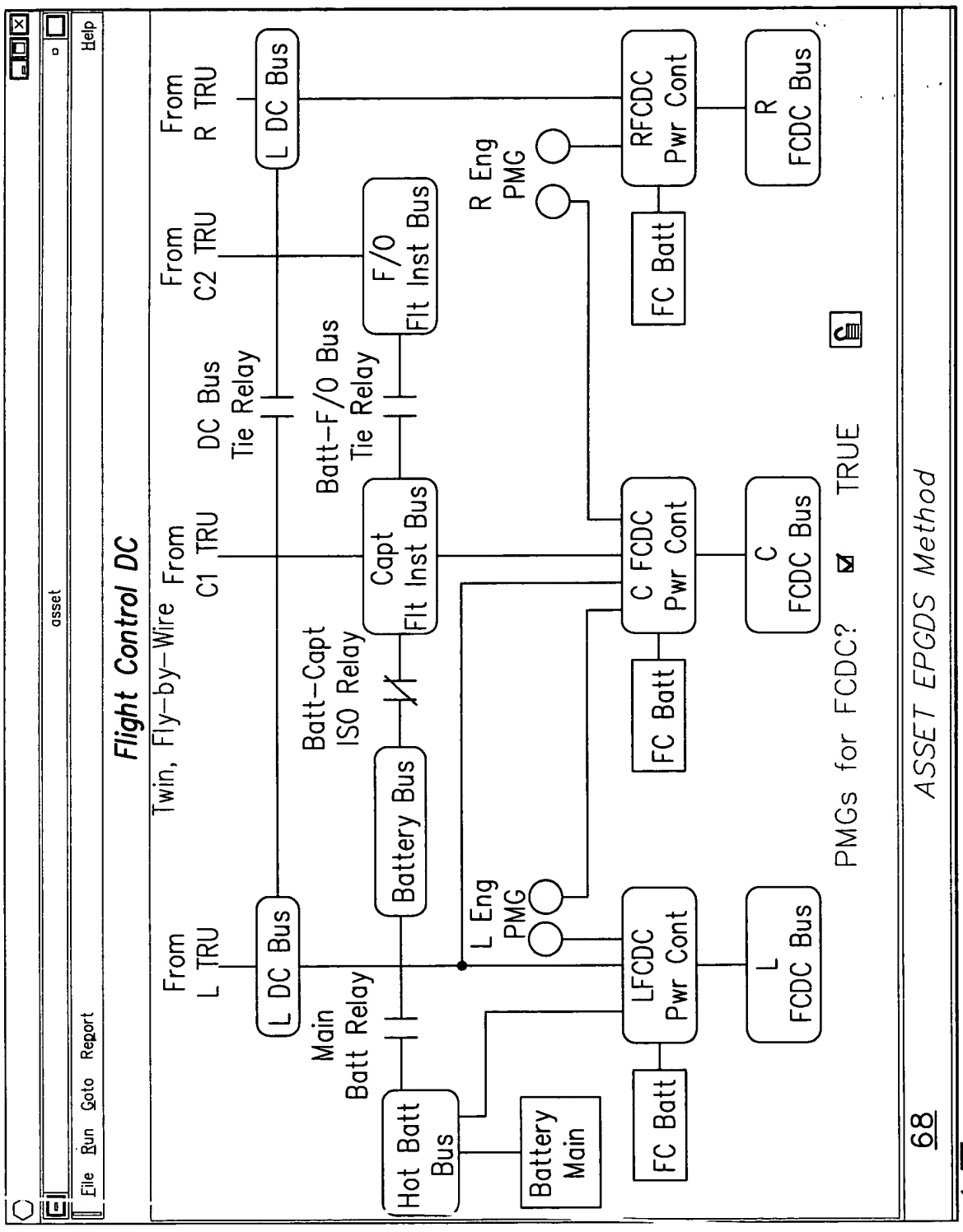


FIG. 17

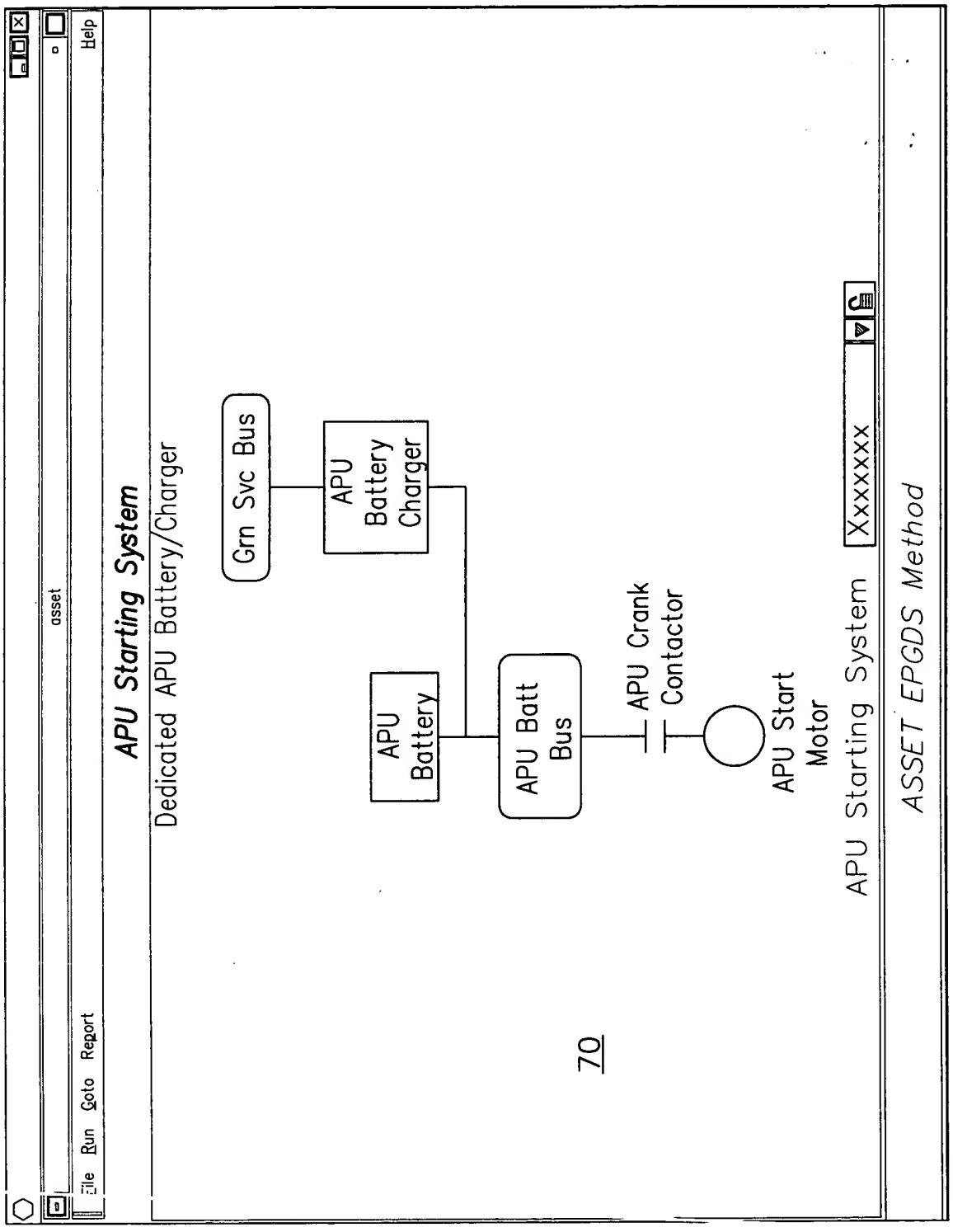


FIG. 18

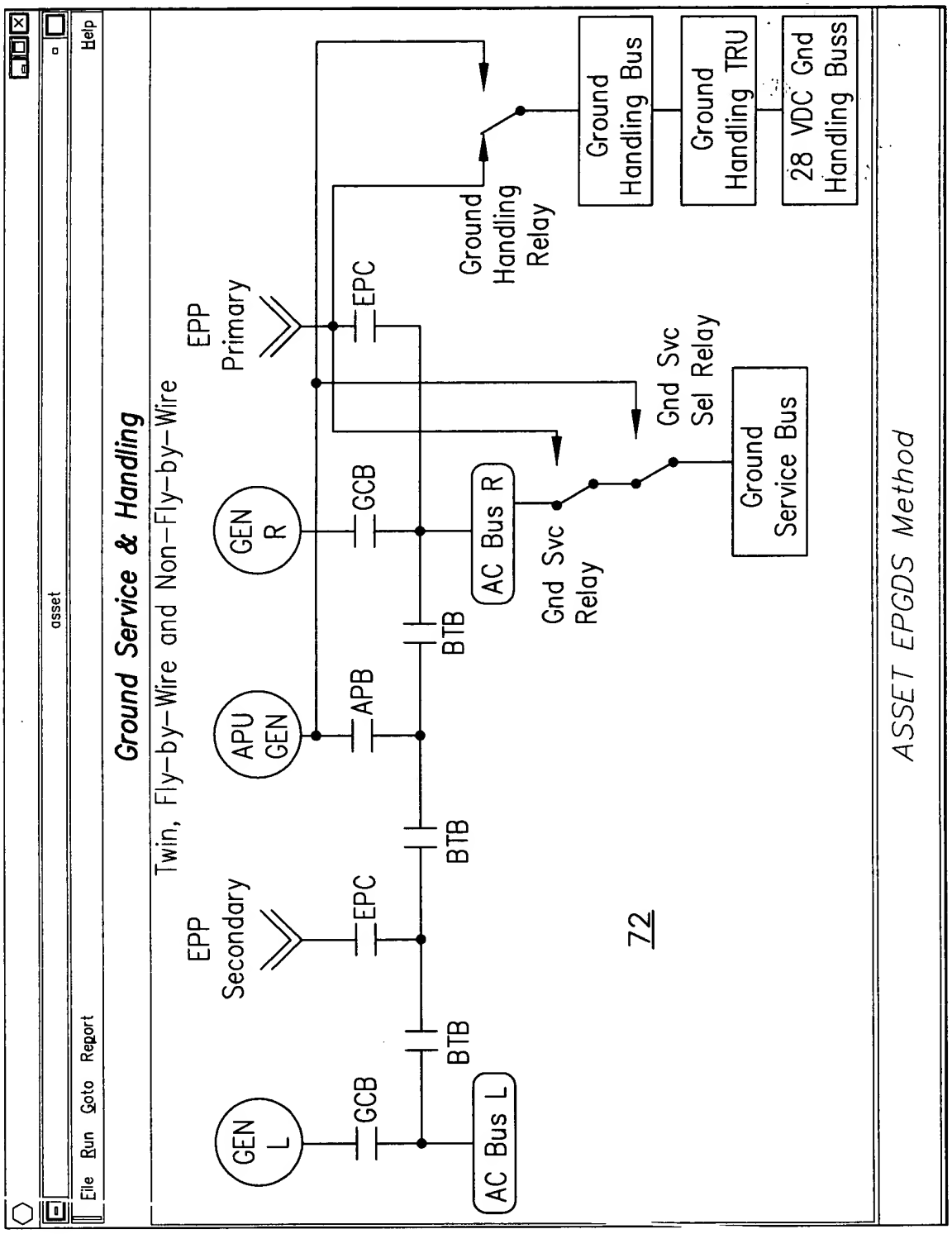


FIG. 19

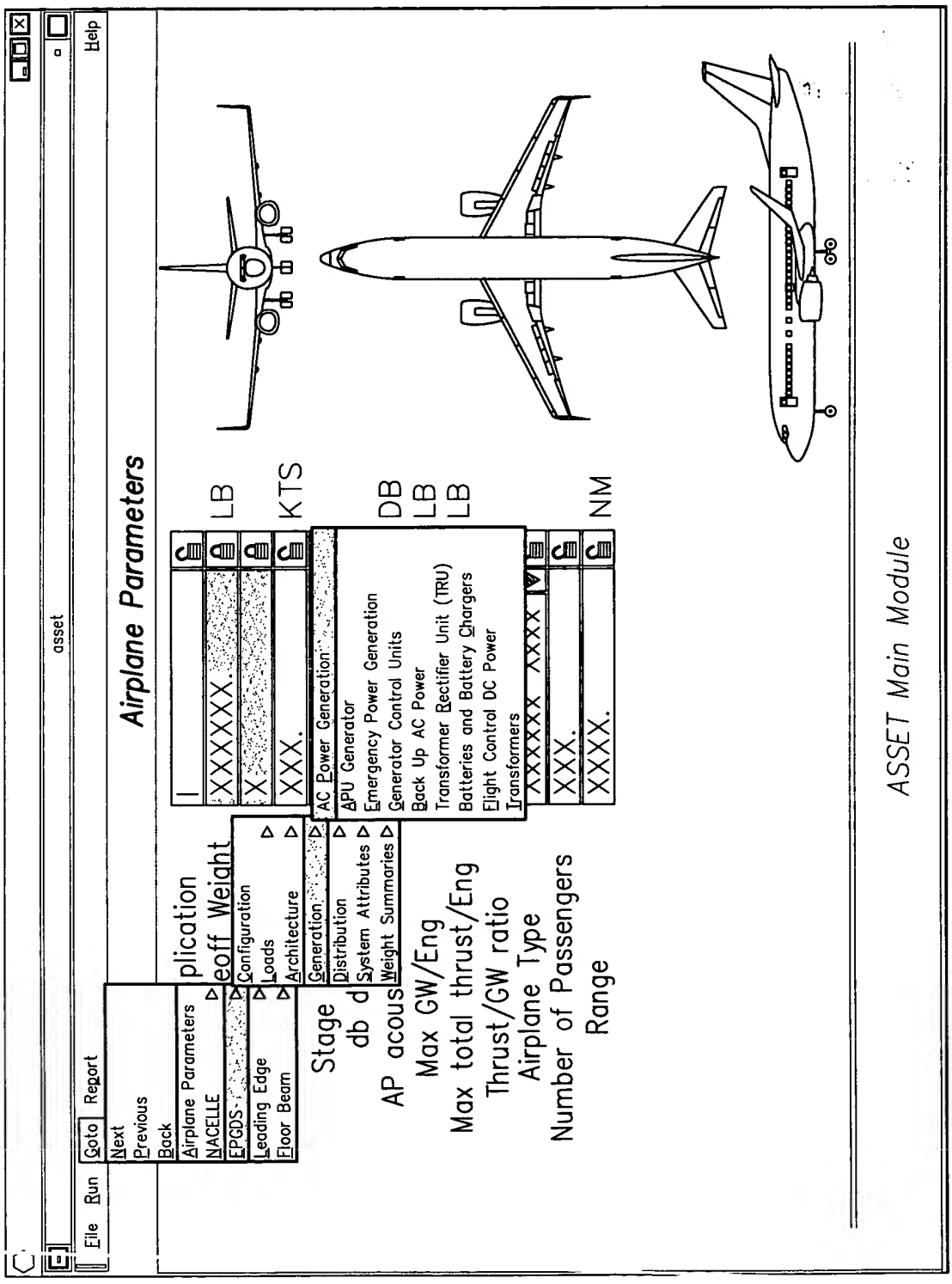


FIG. 20

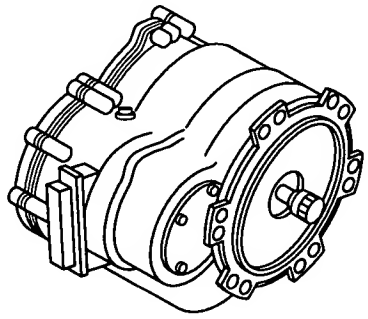
asset

File Run Goto Report Help

AC Power Generation

Generator Input Speed	XXXXX.	RPM
Method of Cooling	Xxxxxx	
Generator Capacity	XX.X	KVA
Main AC Power Generator Weight	XXX.X	LB
VSCF Converter Config.	Xxxxxx	
Maximum Converter Load	X.X	KVA
Main Converter Unit Weight	X.X	LB

IDG



ATA Chapter	Section Title	Motor Controller Load KVA	Motor Controller Weight LB
		X.X	X.X
		X.X	X.X
		X.X	X.X
		X.X	X.X
		X.X	X.X
		X.X	X.X

IDG Hydraulics Xxxxxx

Total Motor Controller Weight XX.X LB

74

ASSET EPGDS Method

FIG. 21

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229
O.G. FIG
CLASS SUBCL
DRAFTSMAN
BY
APPROVED

C.G. TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

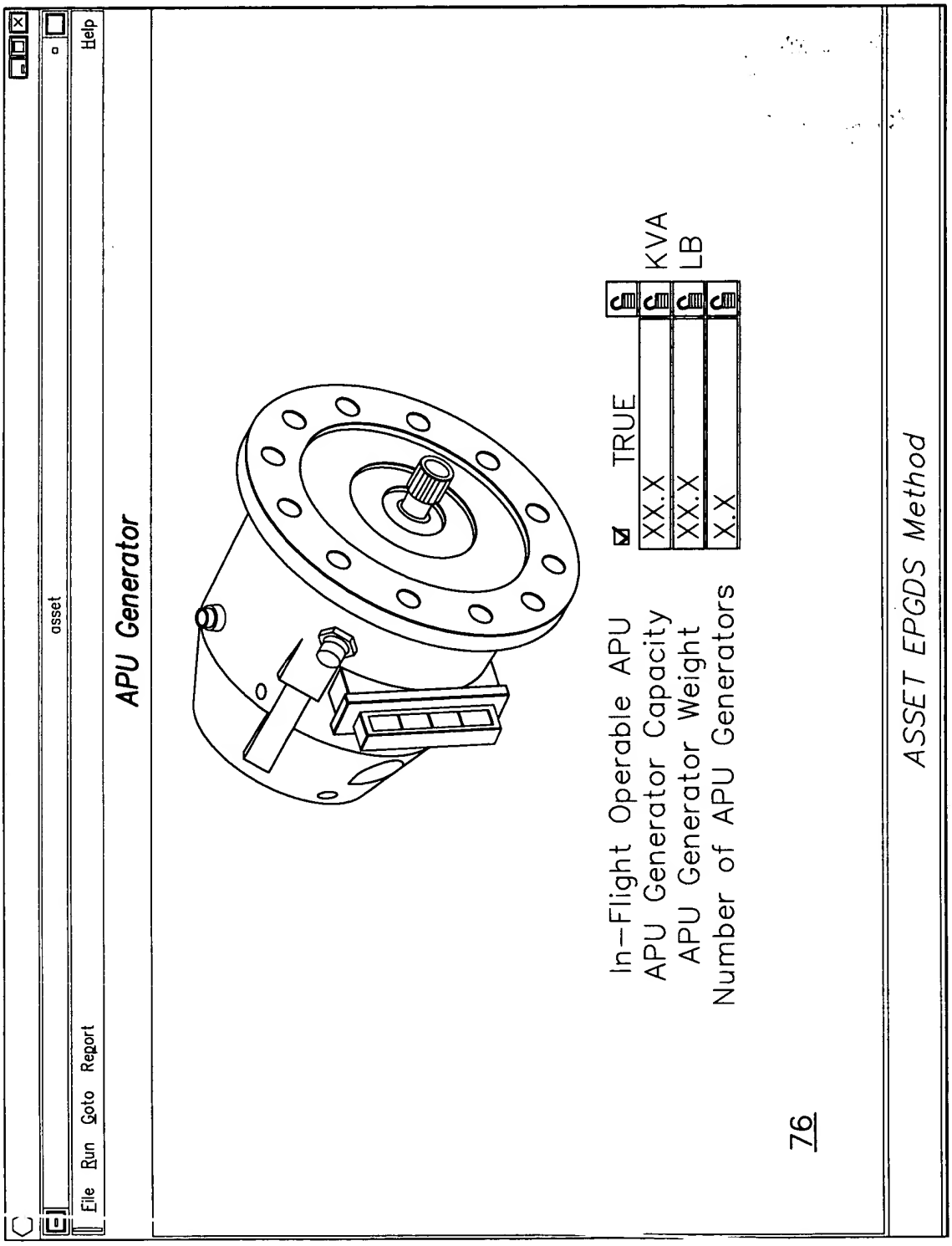


FIG. 22

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

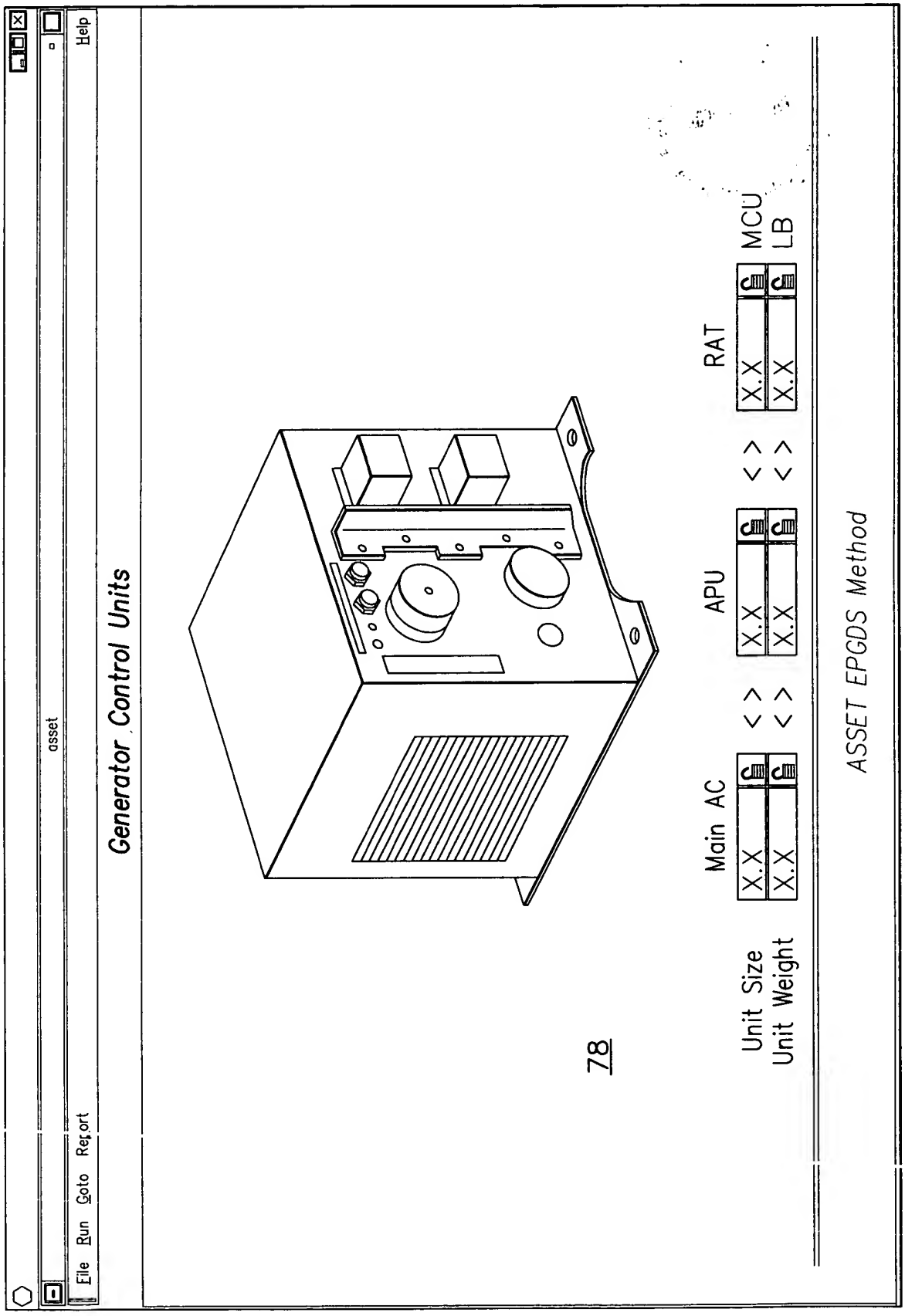


FIG. 23

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

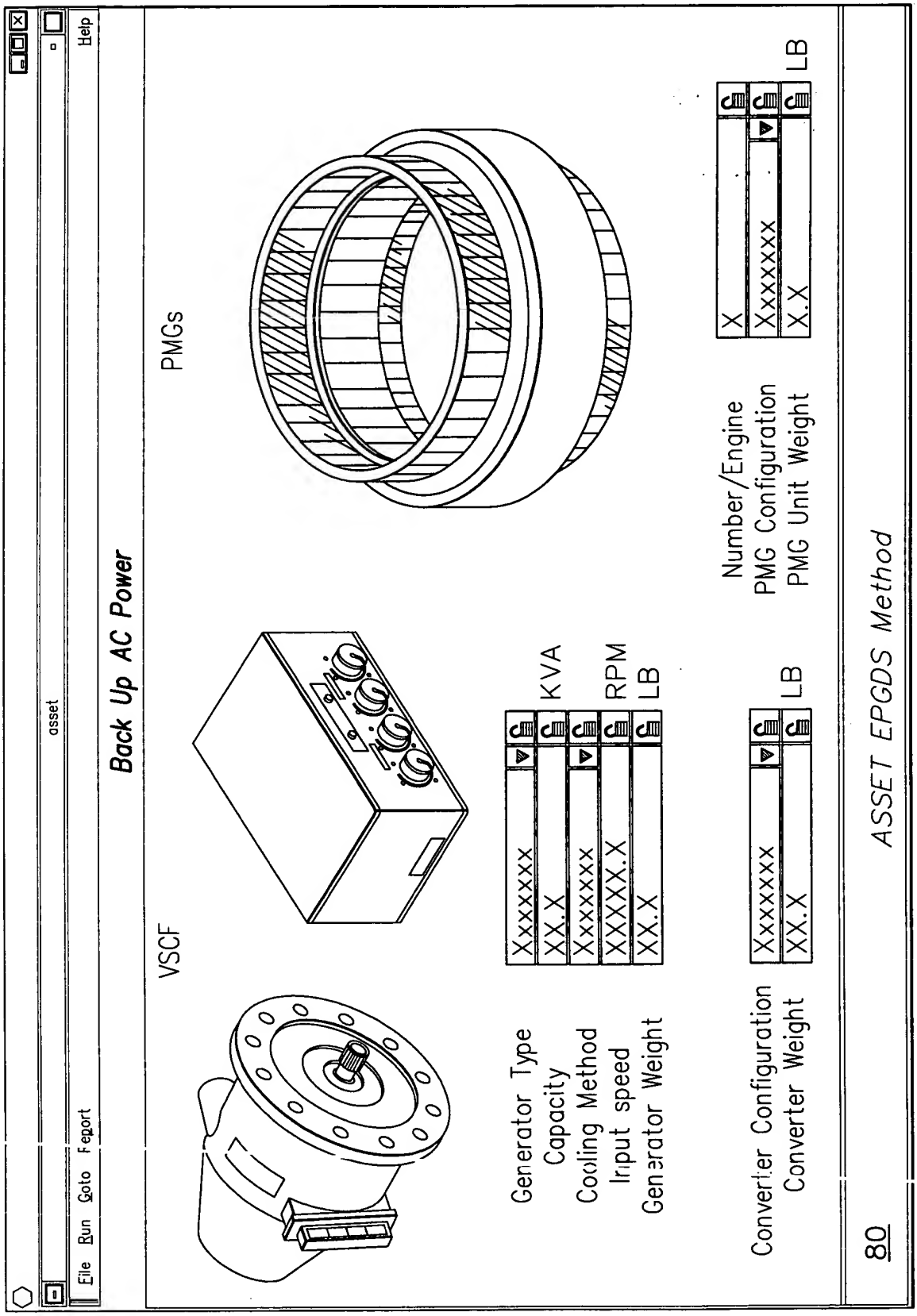


FIG. 24

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

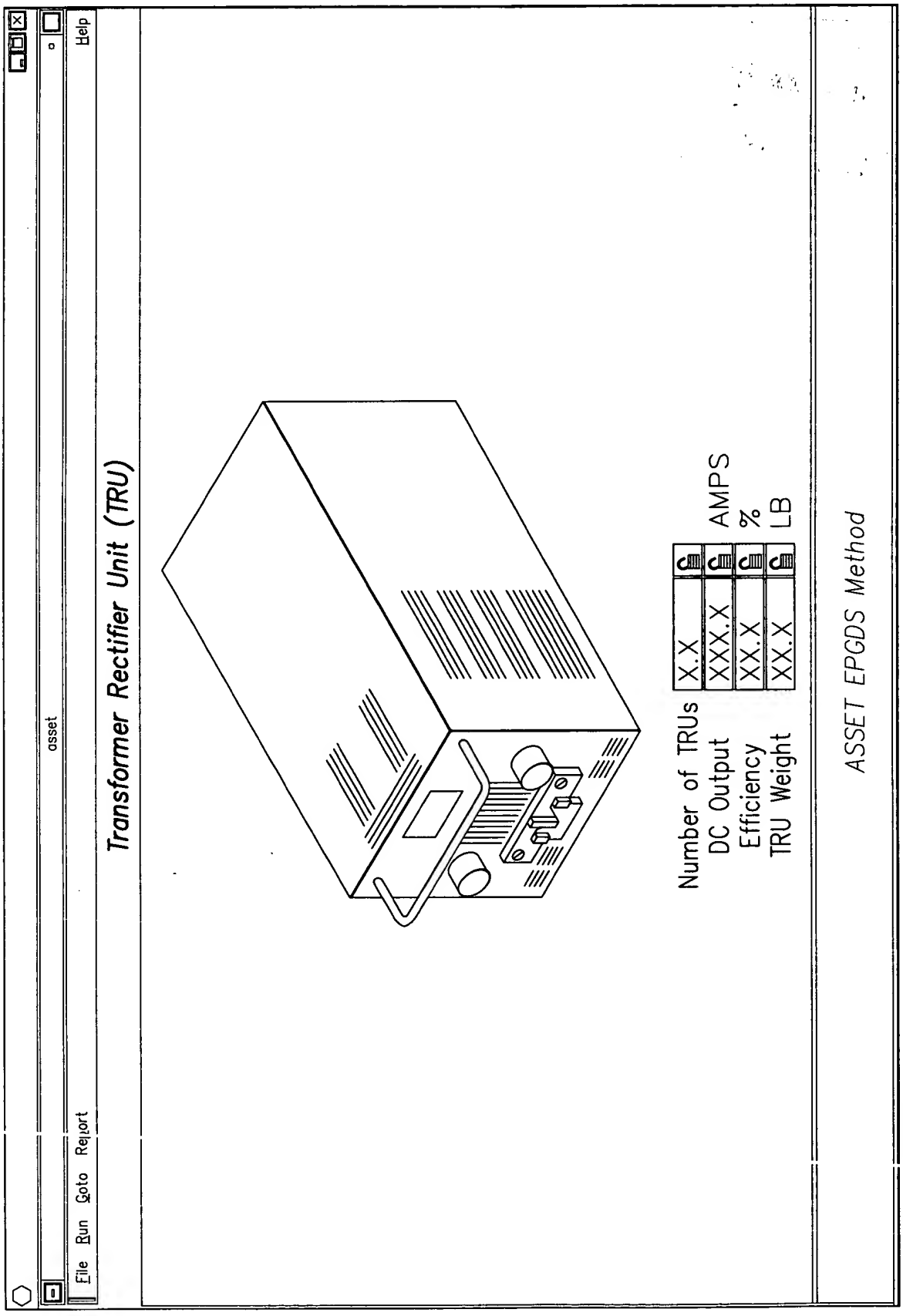


FIG. 25

asset

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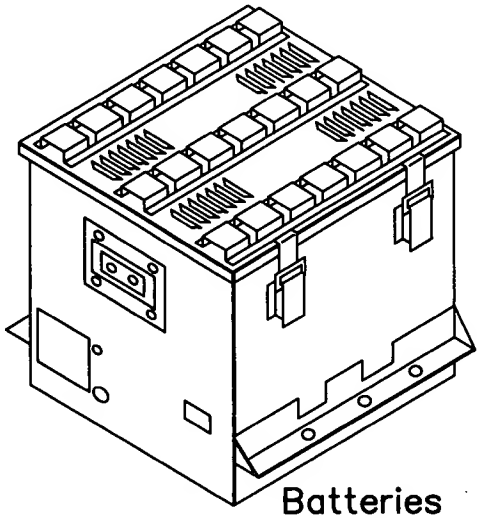
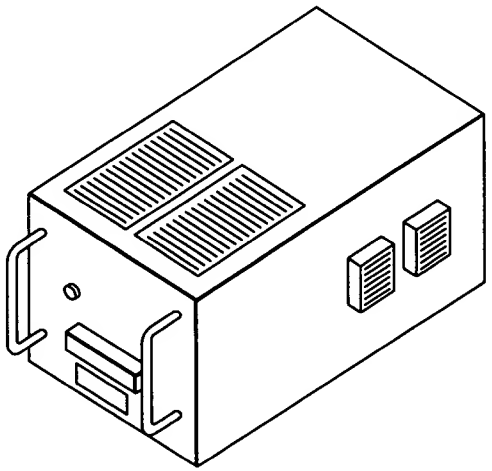
Batteries and Battery Chargers



Batteries



Battery Chargers

MAIN Battery

Nominal Capacity	XX.X	AMP–HRS	Output Capacity	XX.X	AMPS
Battery Weight	XXX.X	LB	Battery Charger Weight	XX.X	LB

APU Battery

Nominal Capacity	XX.X	AMP–HRS	Output Capacity	XX.X	AMPS
Battery Weight	XXX.X	LB	Battery Charger Weight	XX.X	LB

ASSET EPGDS Method

FIG. 26

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

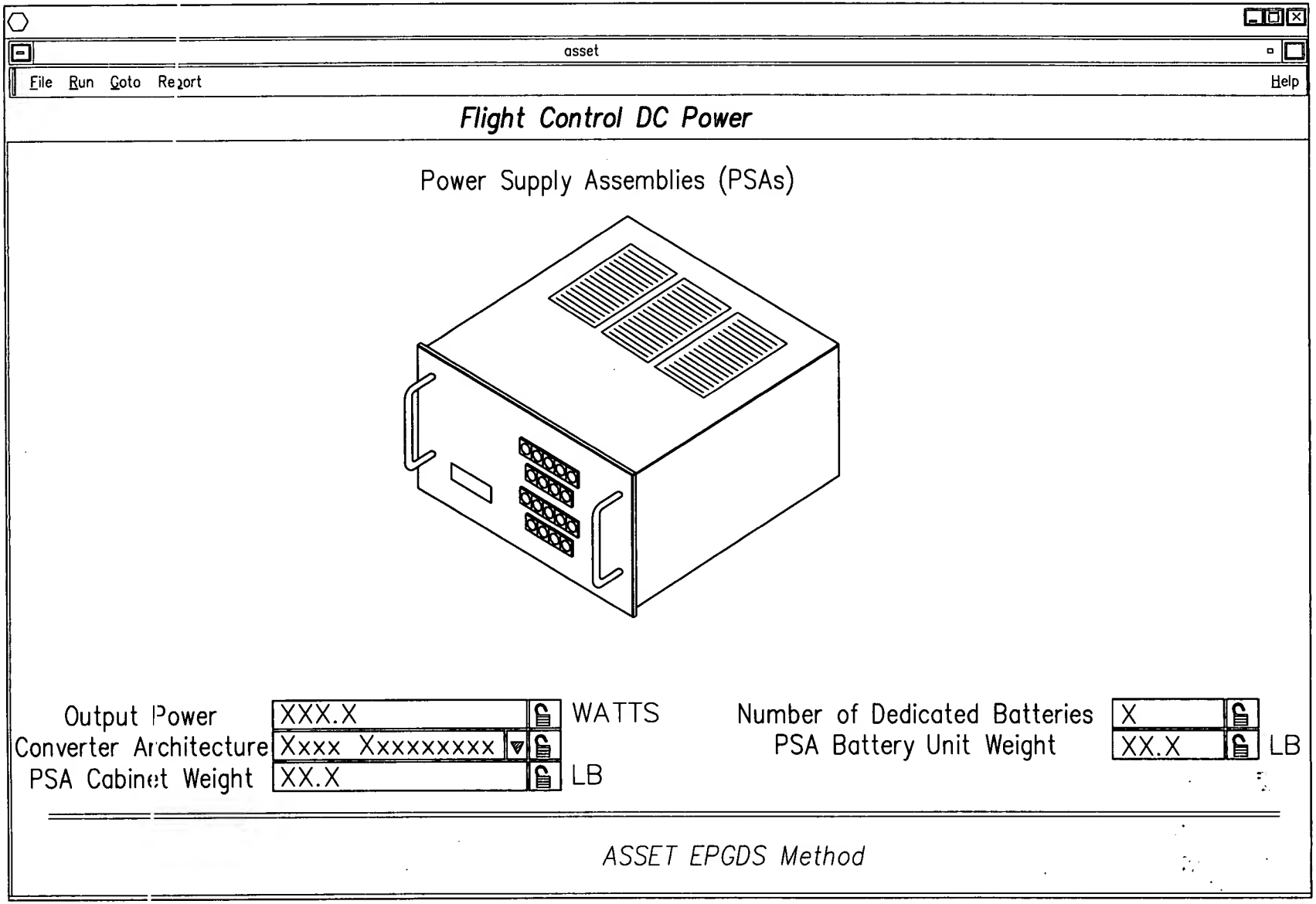


FIG. 27

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

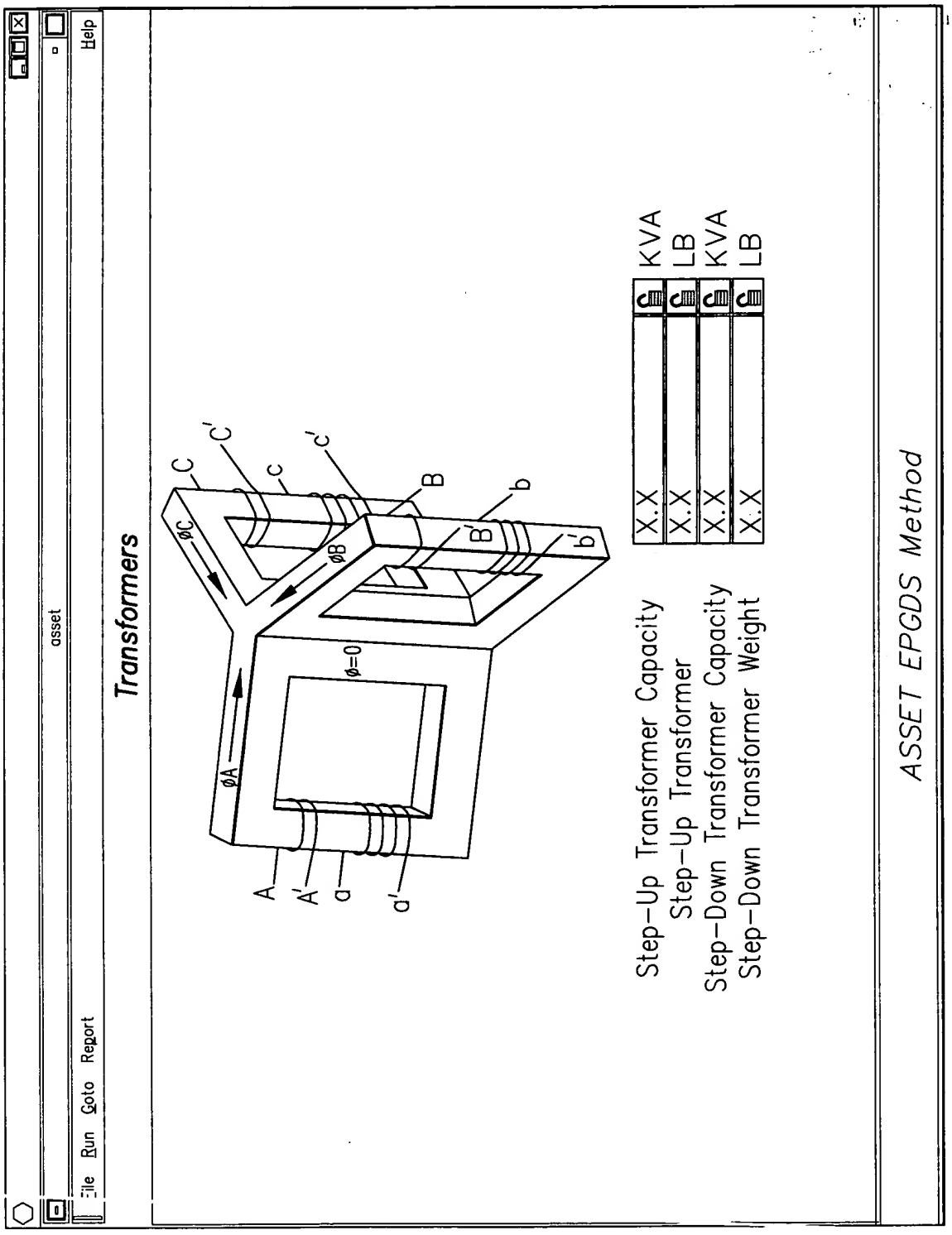


FIG. 28

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

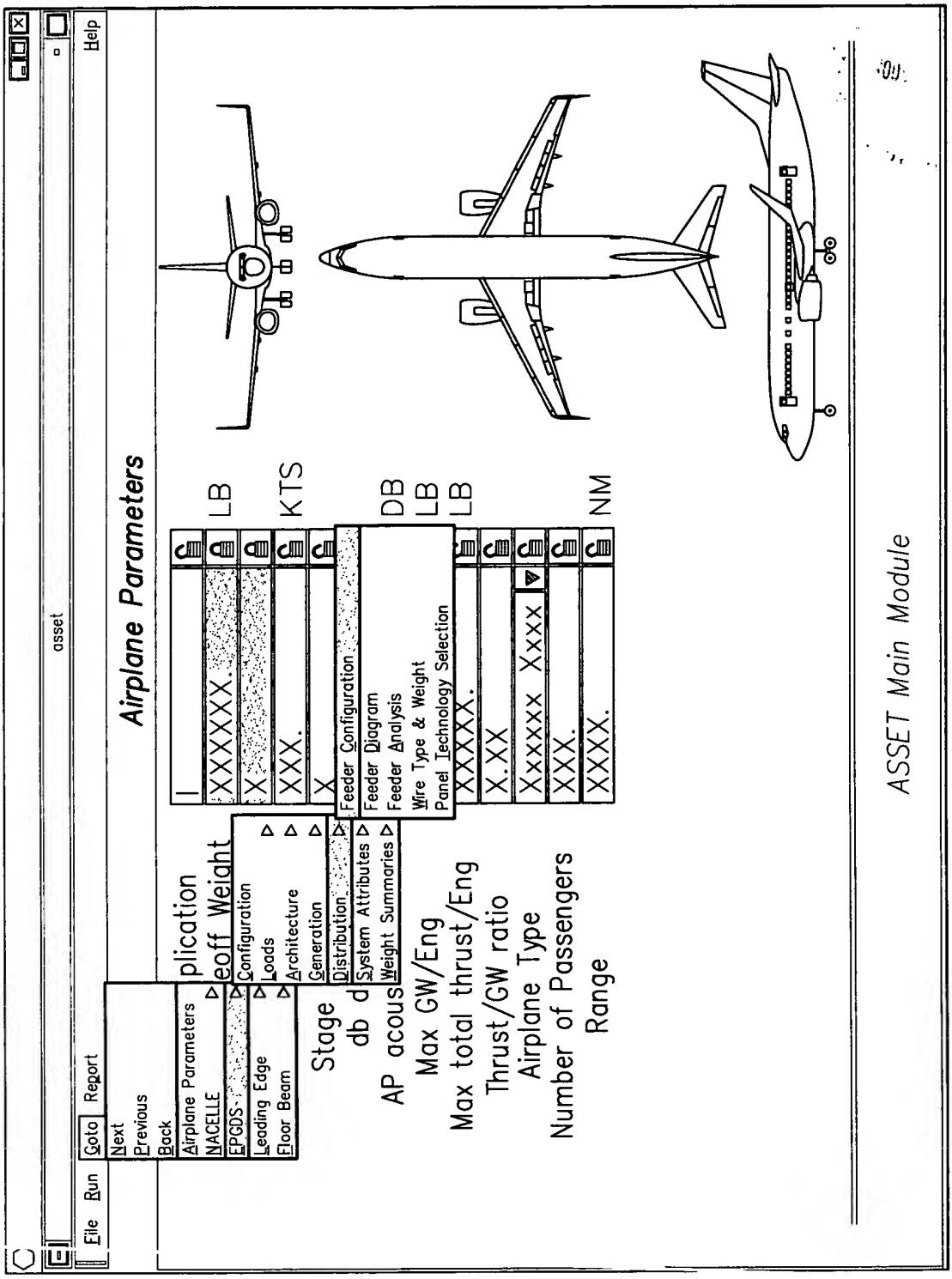


FIG. 29

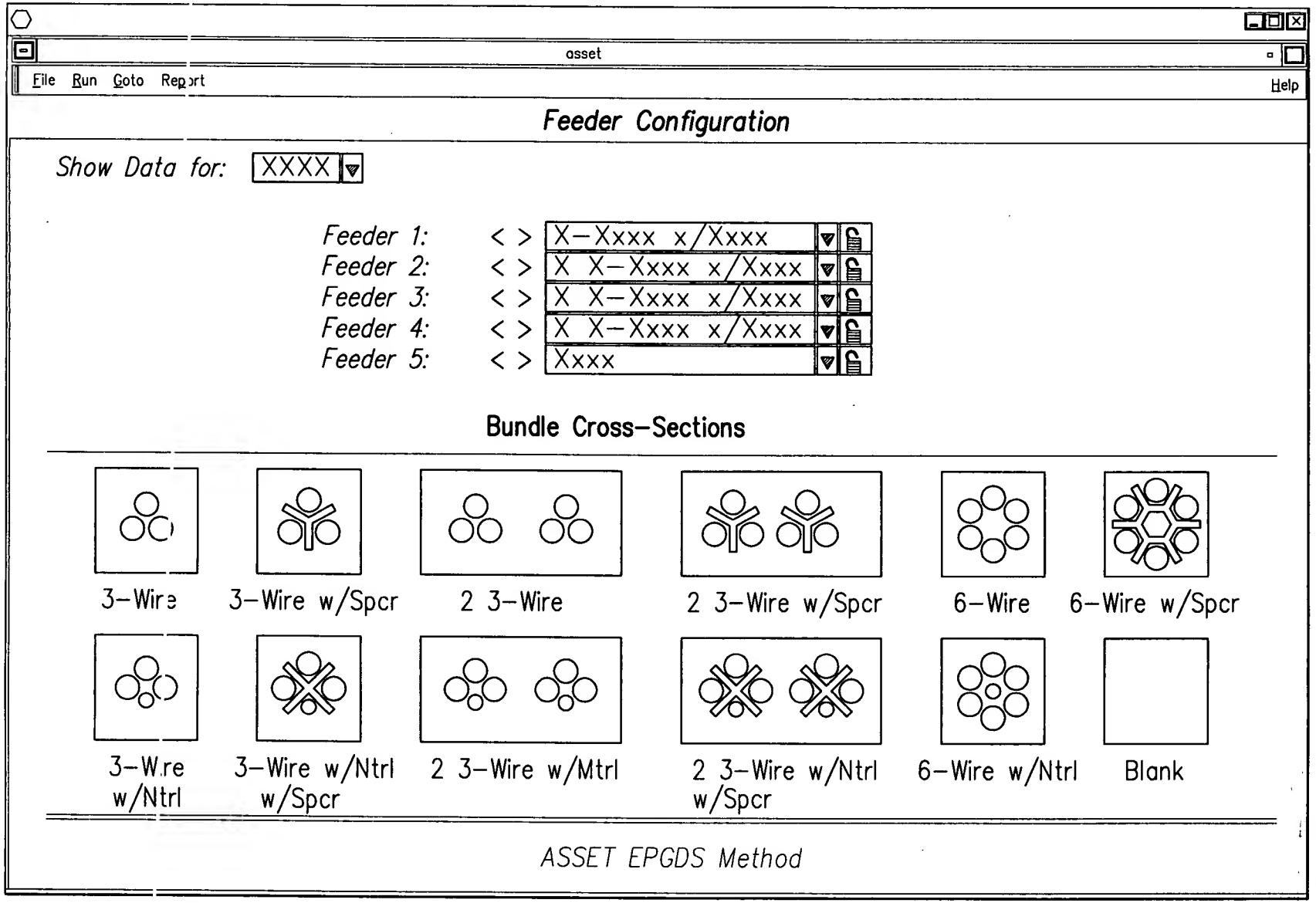


FIG. 30

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND
O.G. FIG: EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
CLASS/SUBC: INVENTOR: BOND, et al.
BY SN: 09/900,522; FILED 7/6/01
DRAFTSMAN ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

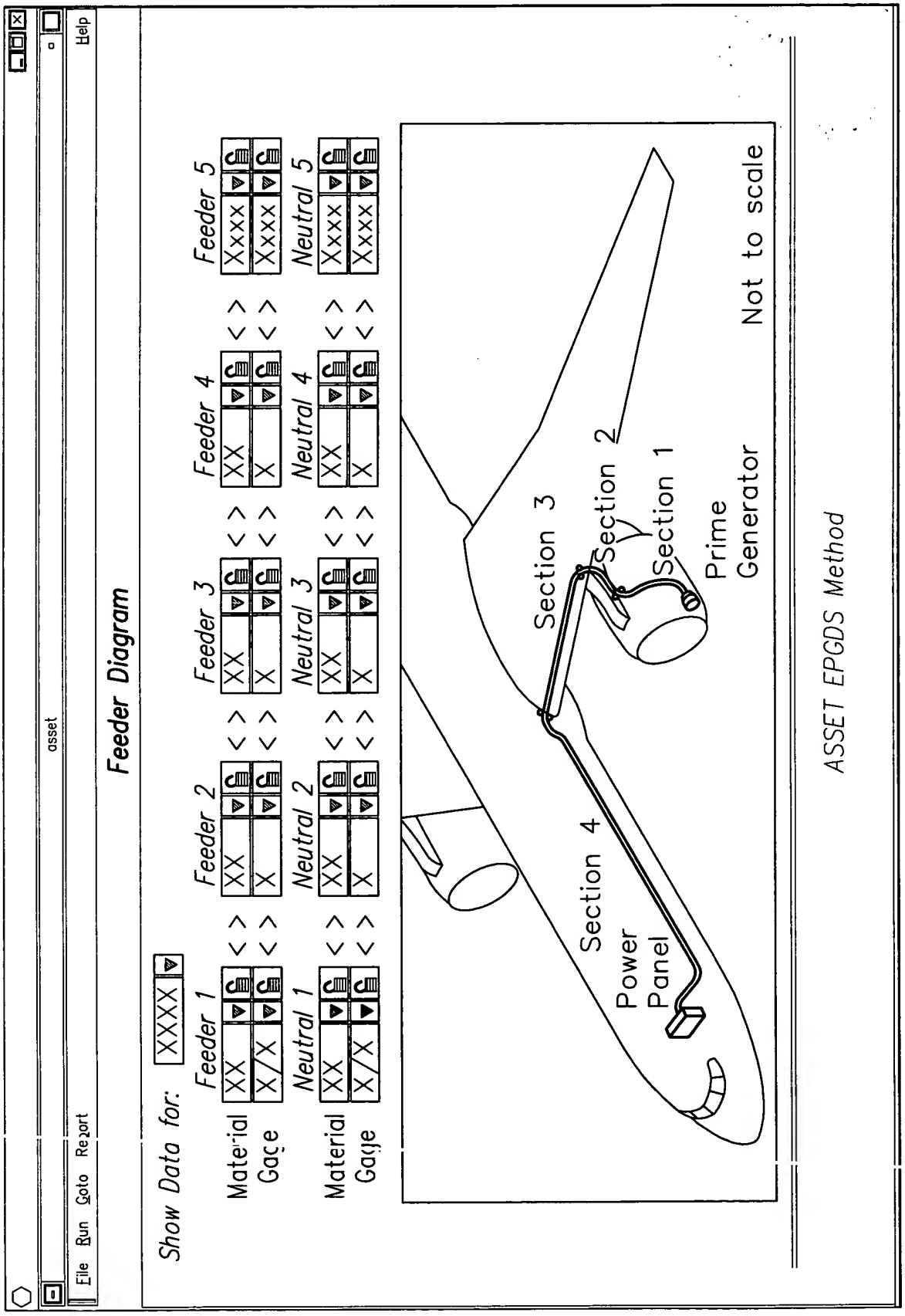


FIG. 31

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

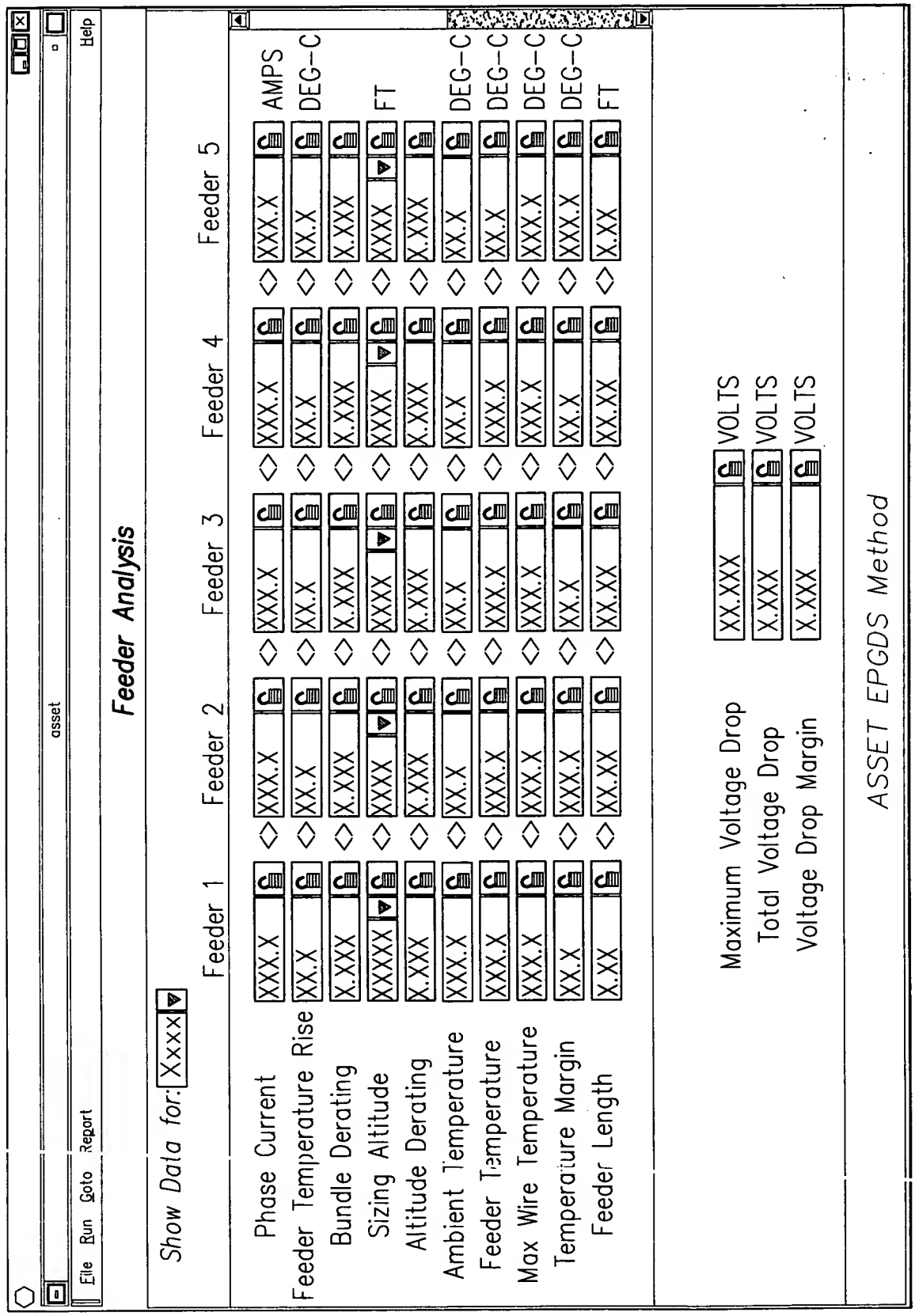


FIG. 32

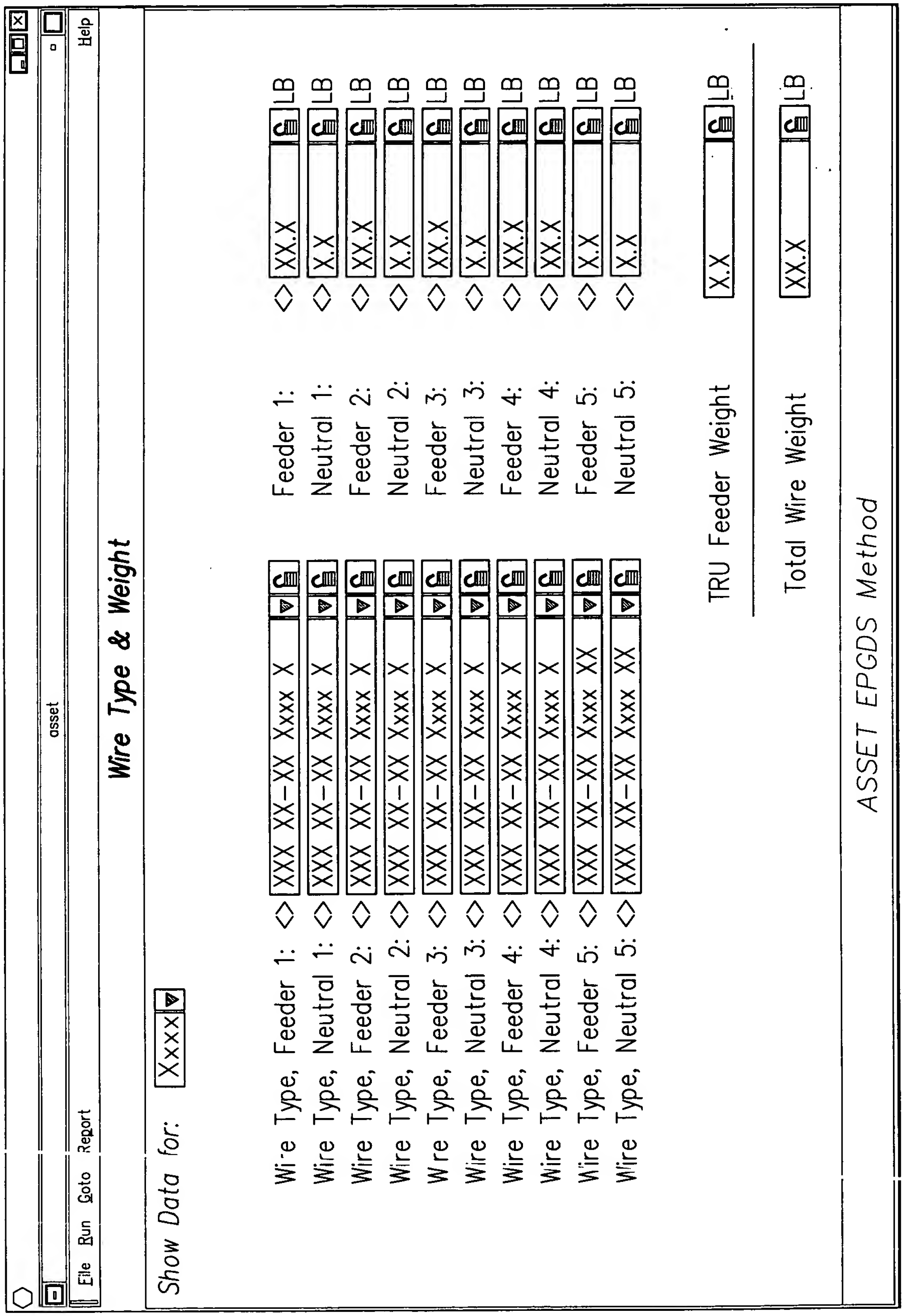

asset
File Run Goto Report Help
Wire Type & Weight
Show Data for: Xxxx
Wire Type, Feeder 1: XXX XX–XX Xxxx X
Wire Type, Neutral 1: XXX XX–XX Xxxx X
Wire Type, Feeder 2: XXX XX–XX Xxxx X
Wire Type, Neutral 2: XXX XX–XX Xxxx X
Wire Type, Feeder 3: XXX XX–XX Xxxx X
Wire Type, Neutral 3: XXX XX–XX Xxxx X
Wire Type, Feeder 4: XXX XX–XX Xxxx X
Wire Type, Neutral 4: XXX XX–XX Xxxx X
Wire Type, Feeder 5: XXX XX–XX Xxxx XX
Wire Type, Neutral 5: XXX XX–XX Xxxx XX
Feeder 1: XX.X LB
Neutral 1: X.X LB
Feeder 2: XX.X LB
Neutral 2: X.X LB
Feeder 3: XX.X LB
Neutral 3: X.X LB
Feeder 4: XX.X LB
Neutral 4: XX.X LB
Feeder 5: X.X LB
Neutral 5: X.X LB
TRU Feeder Weight X.X LB
Total Wire Weight XX.X LB
ASSET EPGDS Method

FIG. 33

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

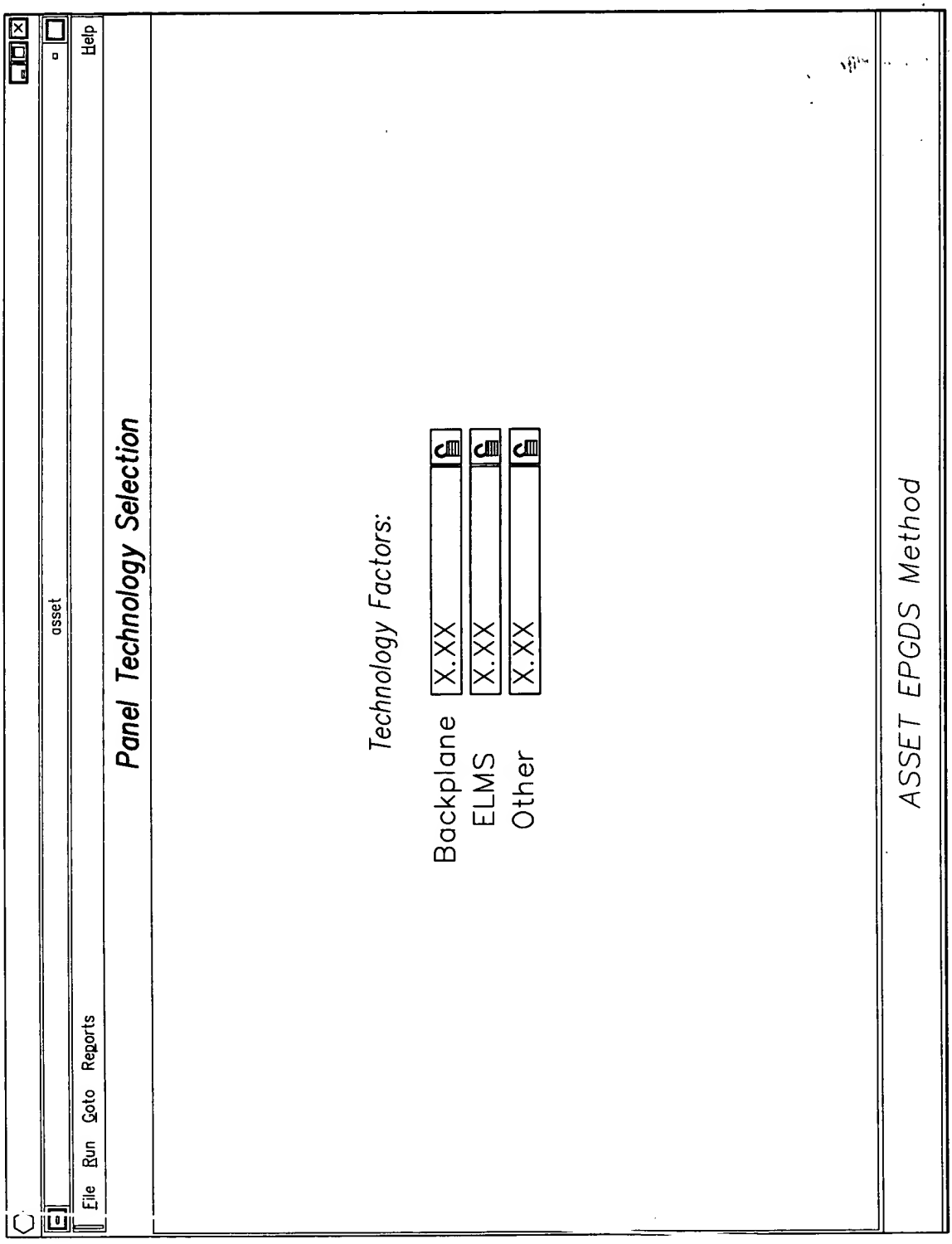


FIG. 34

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

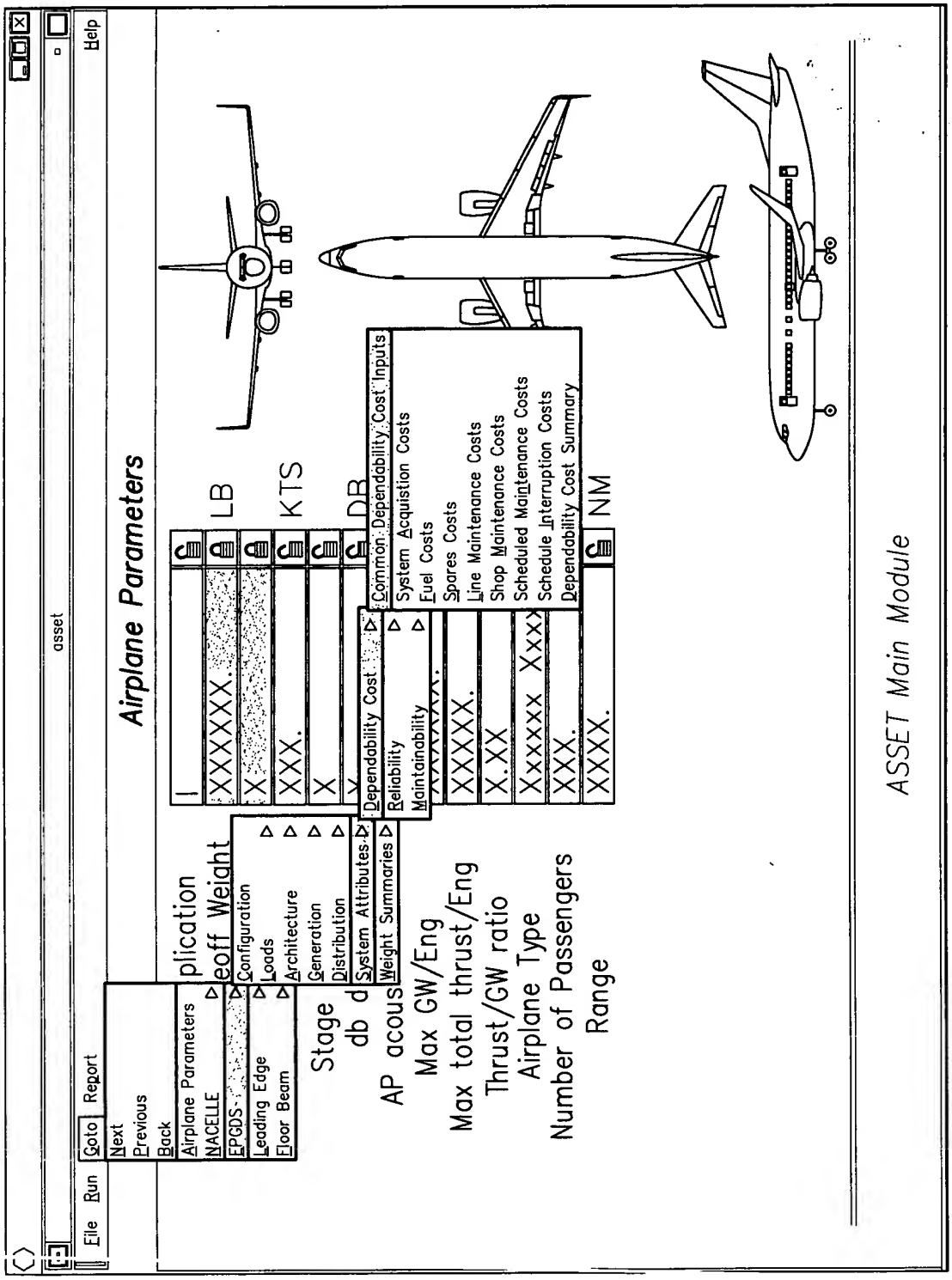


FIG. 35

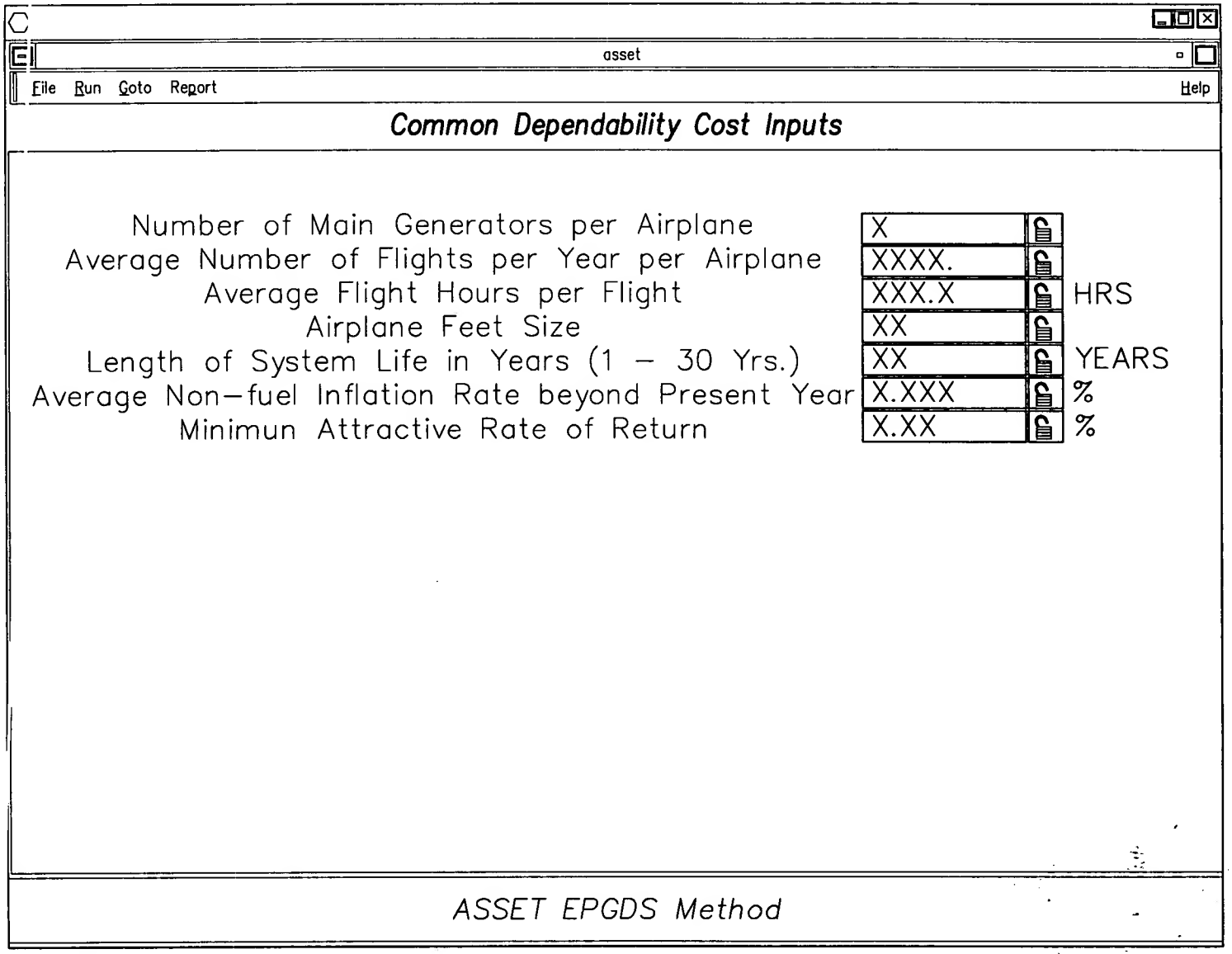


FIG. 36

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND
O.G. FIG EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
CLASS/SUBC
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229
DRAFTSMAN
BY
APPROVED

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

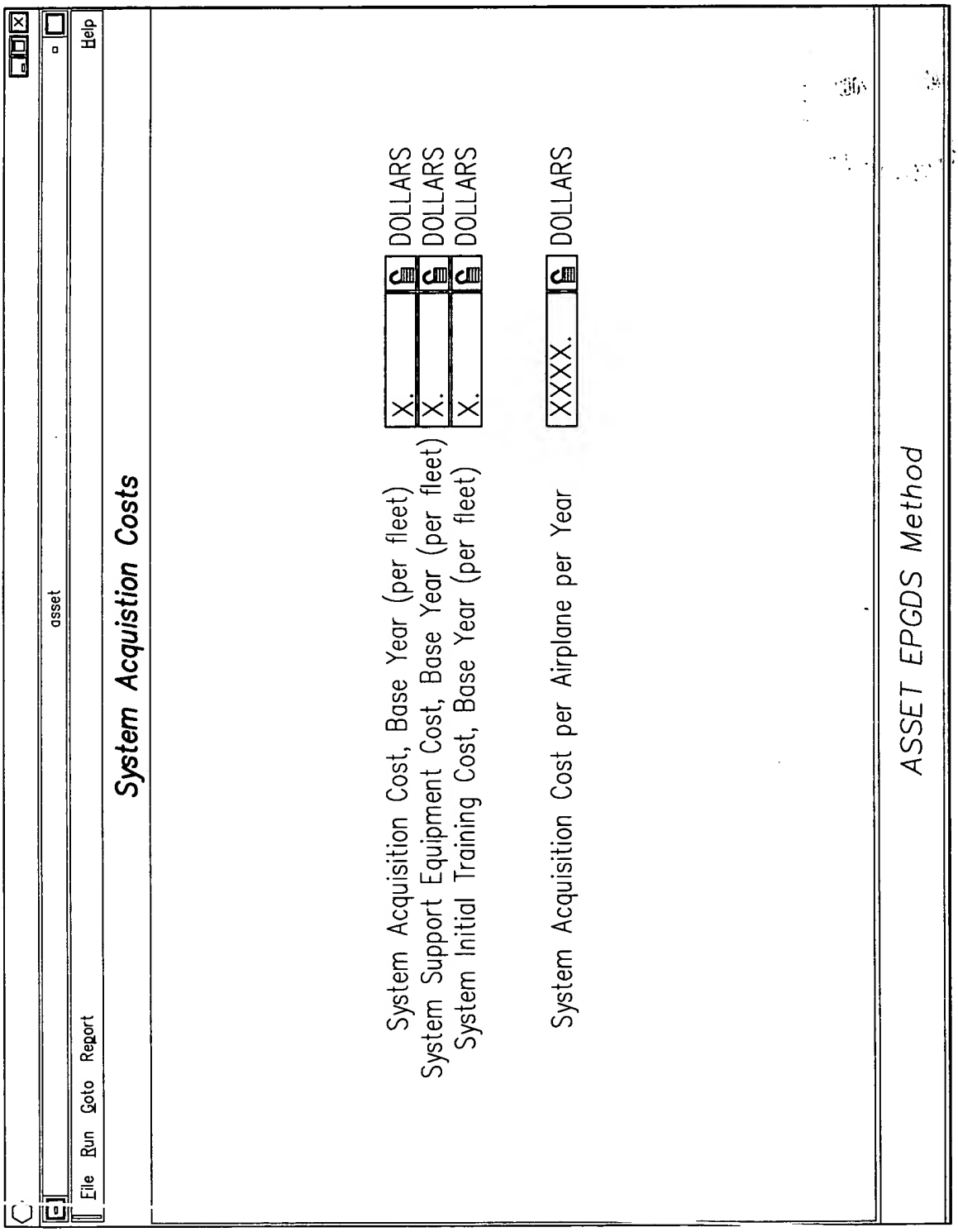


FIG. 37

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

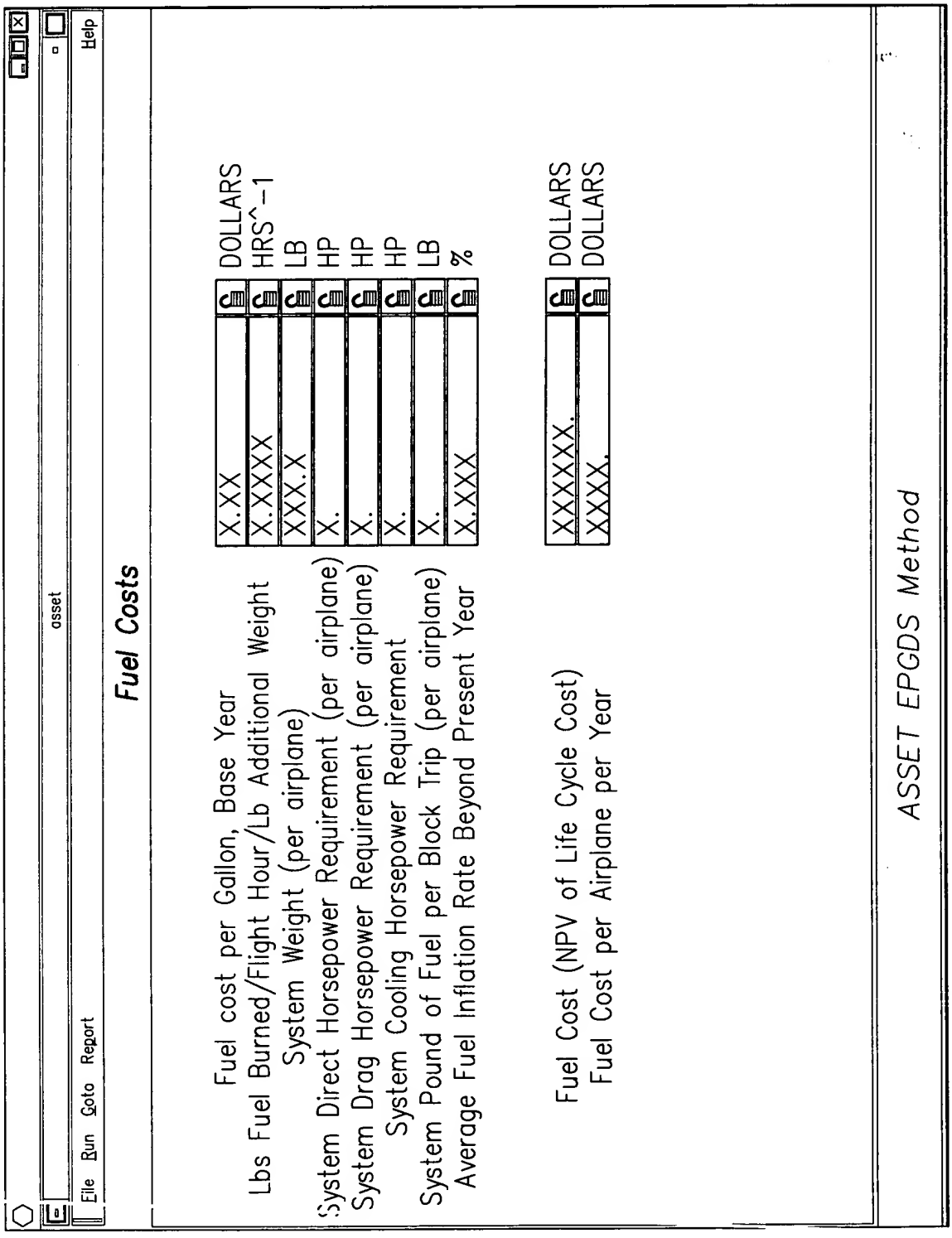


FIG. 38

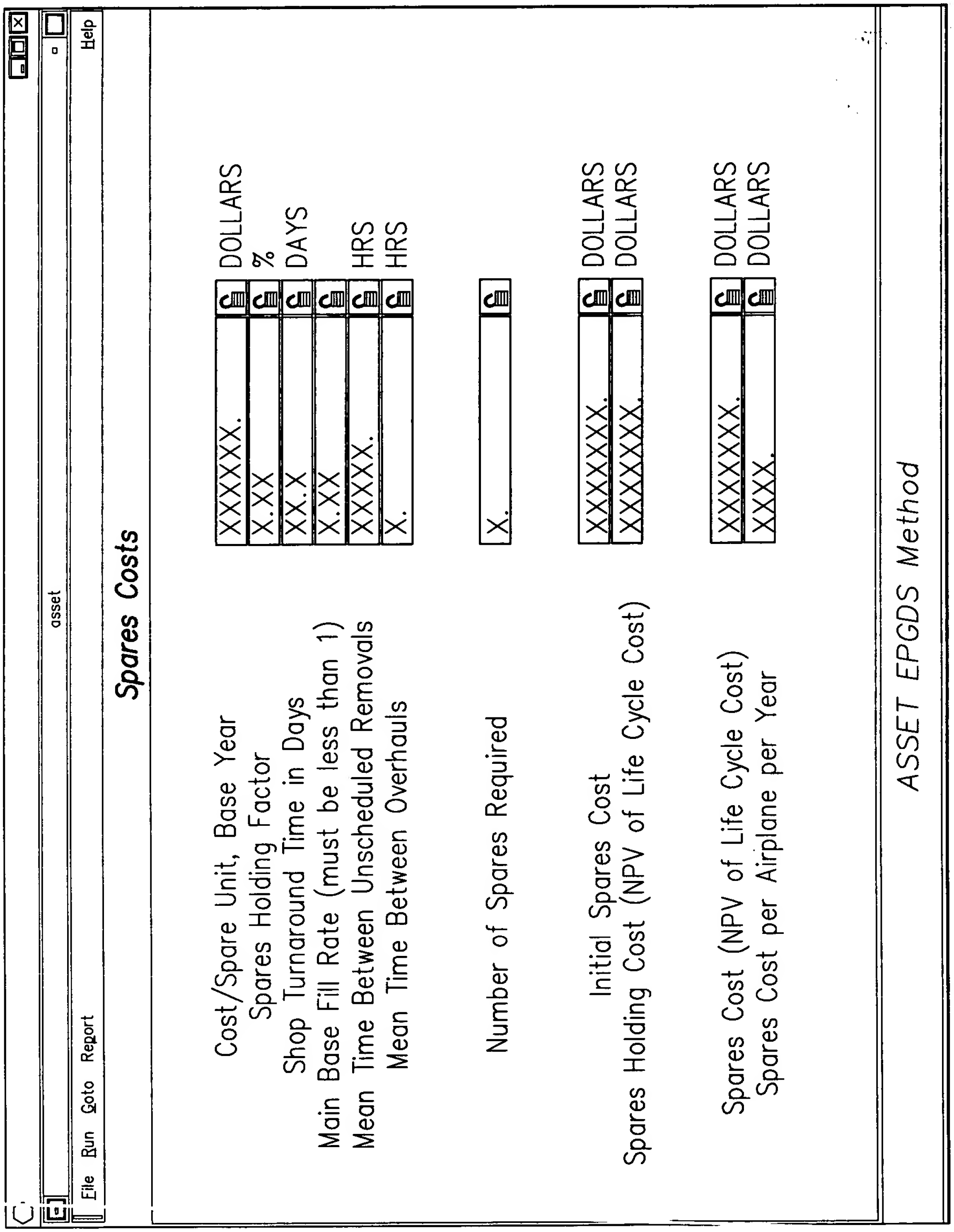


FIG. 39

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

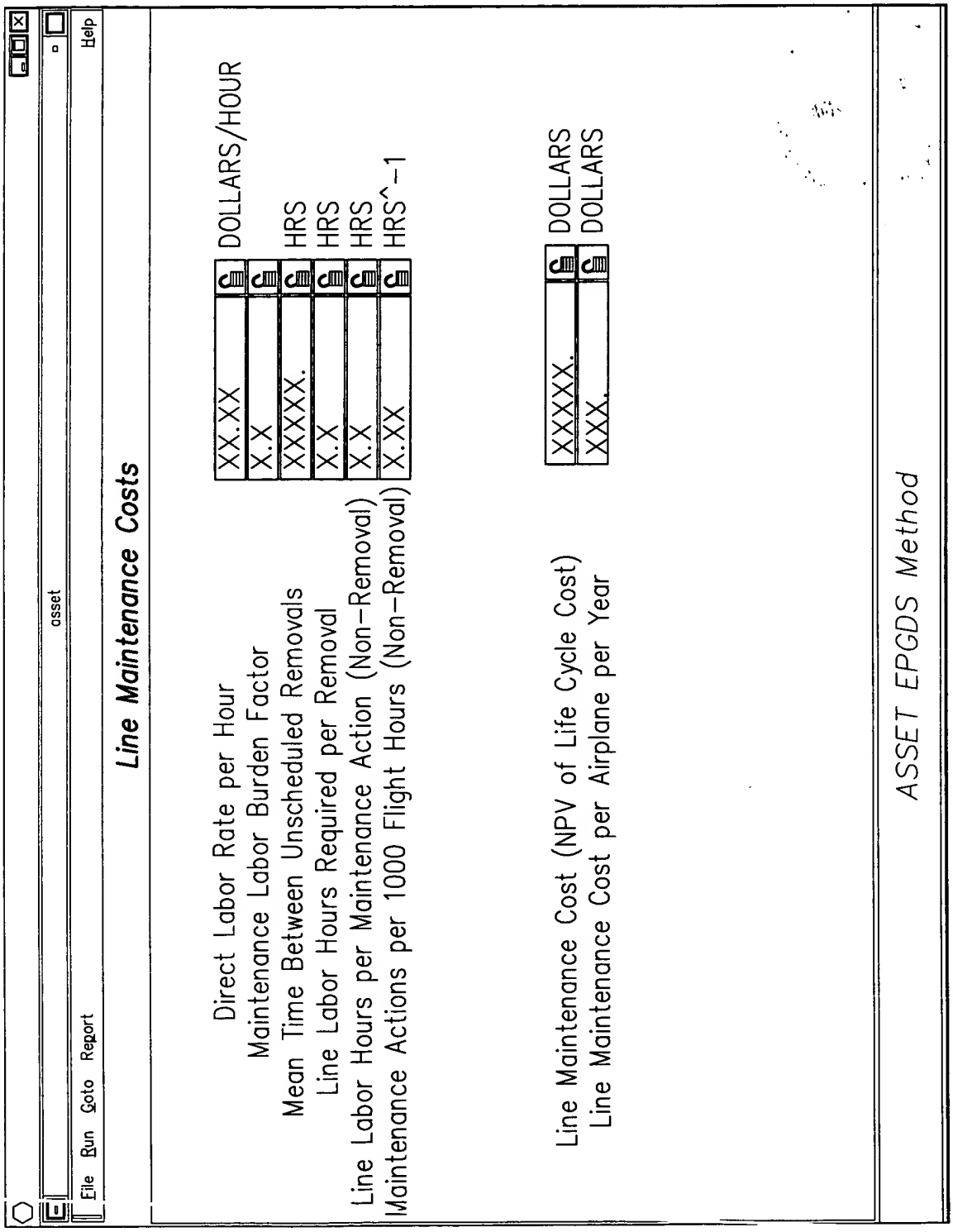


FIG. 40

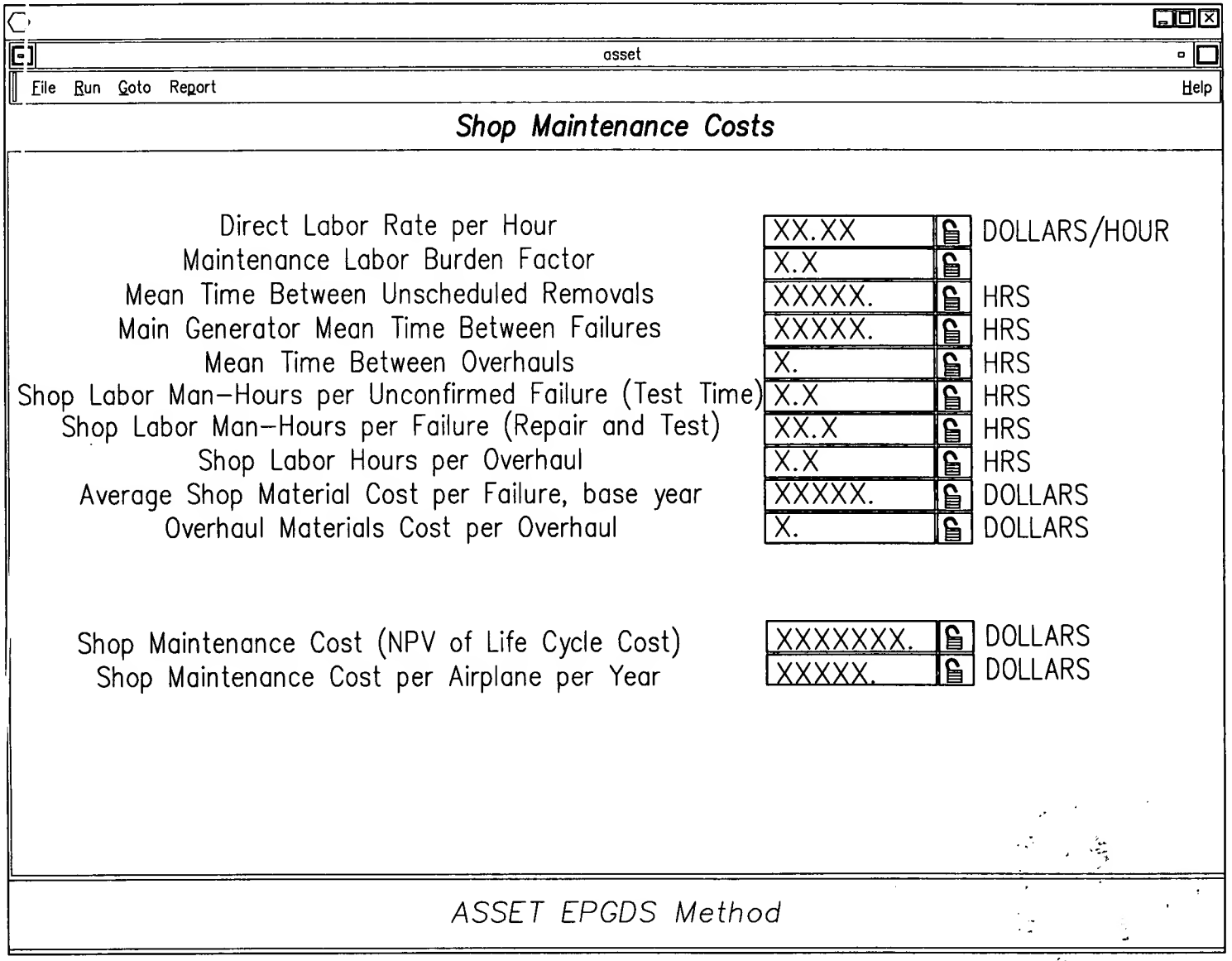


FIG. 41

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229
O.G. FIG.
CLASS/SUBC.
BY
DRAFTSMAN

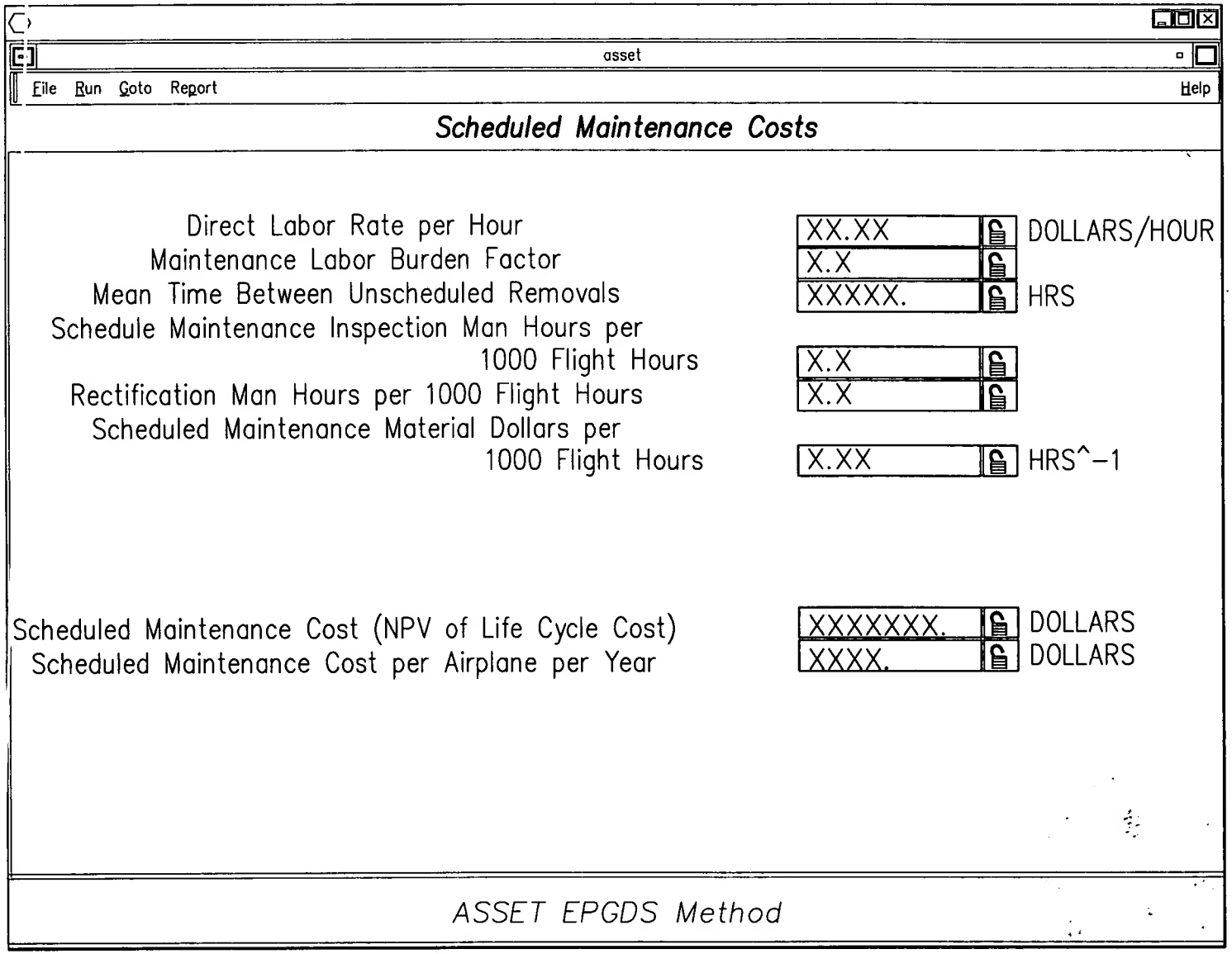


FIG. 42

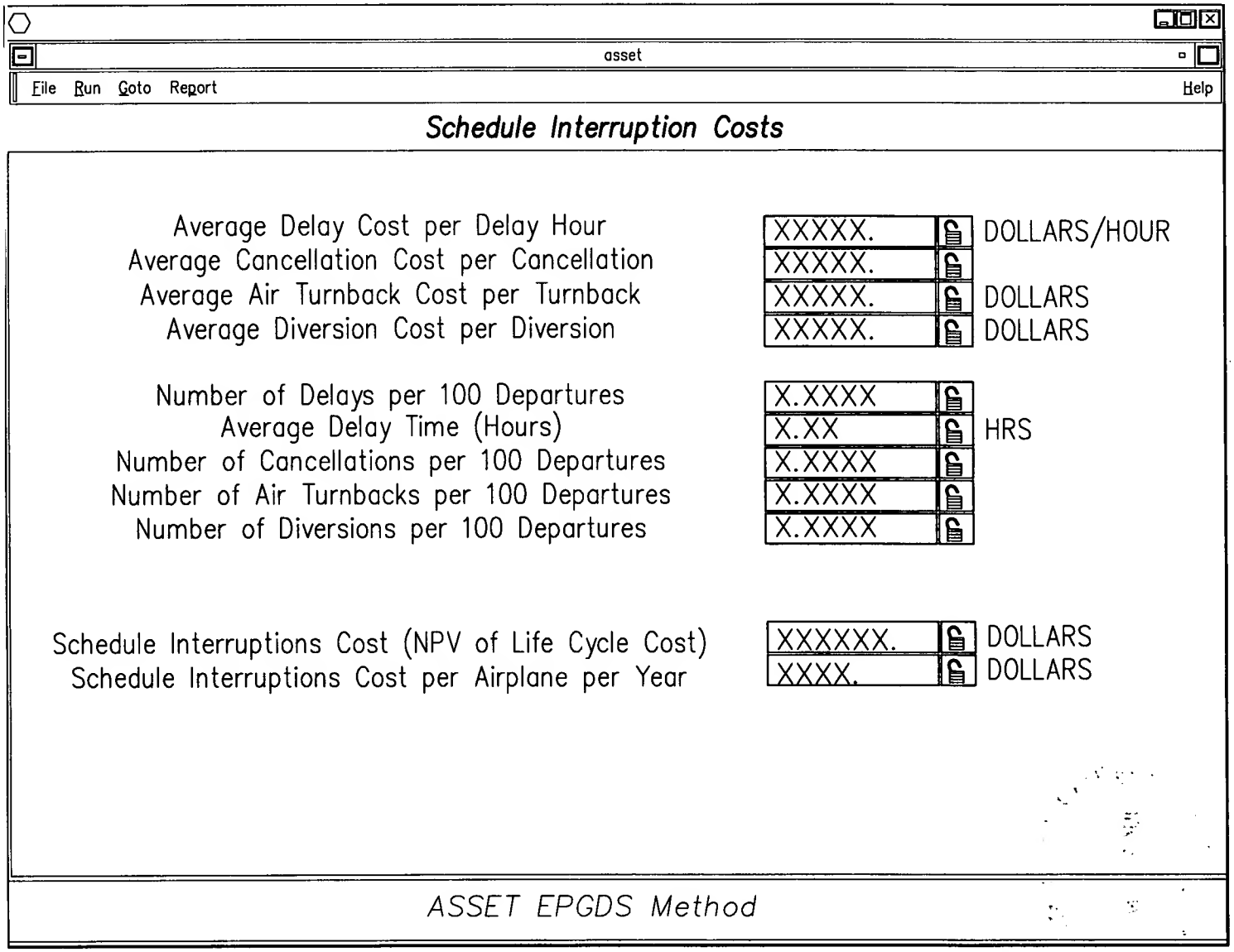


FIG. 43

O.G. TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND CLASS EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

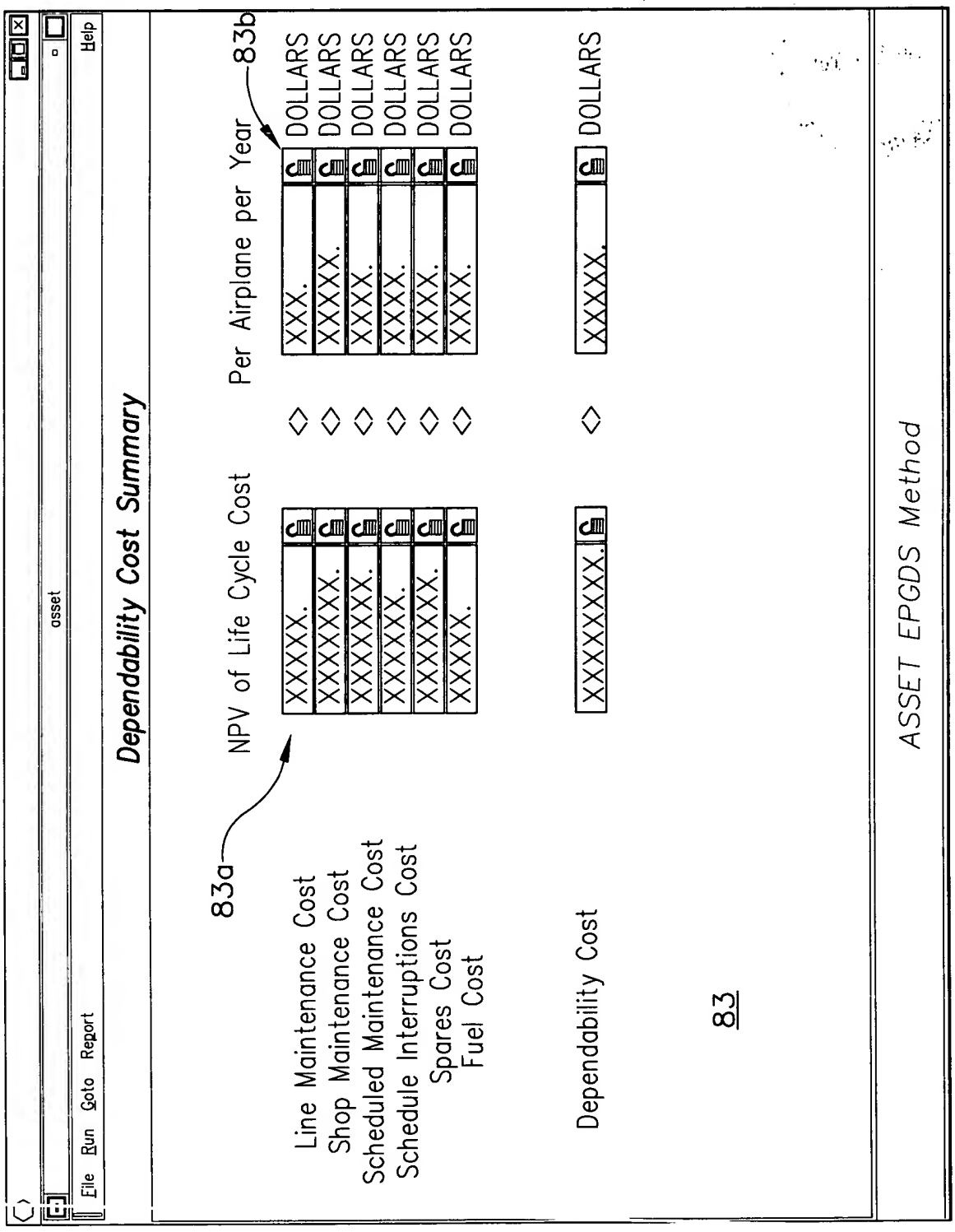


FIG. 44

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

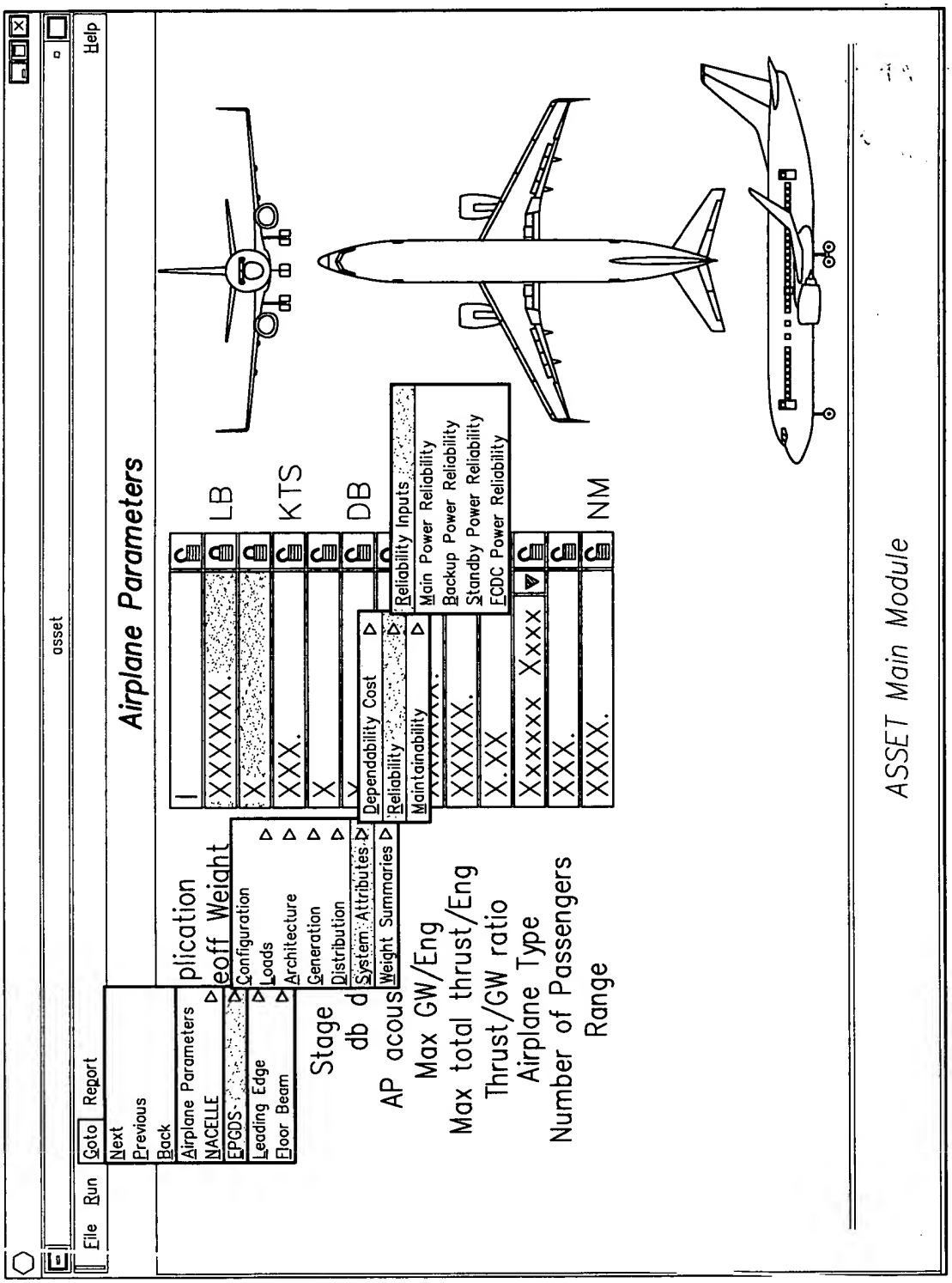


FIG. 45

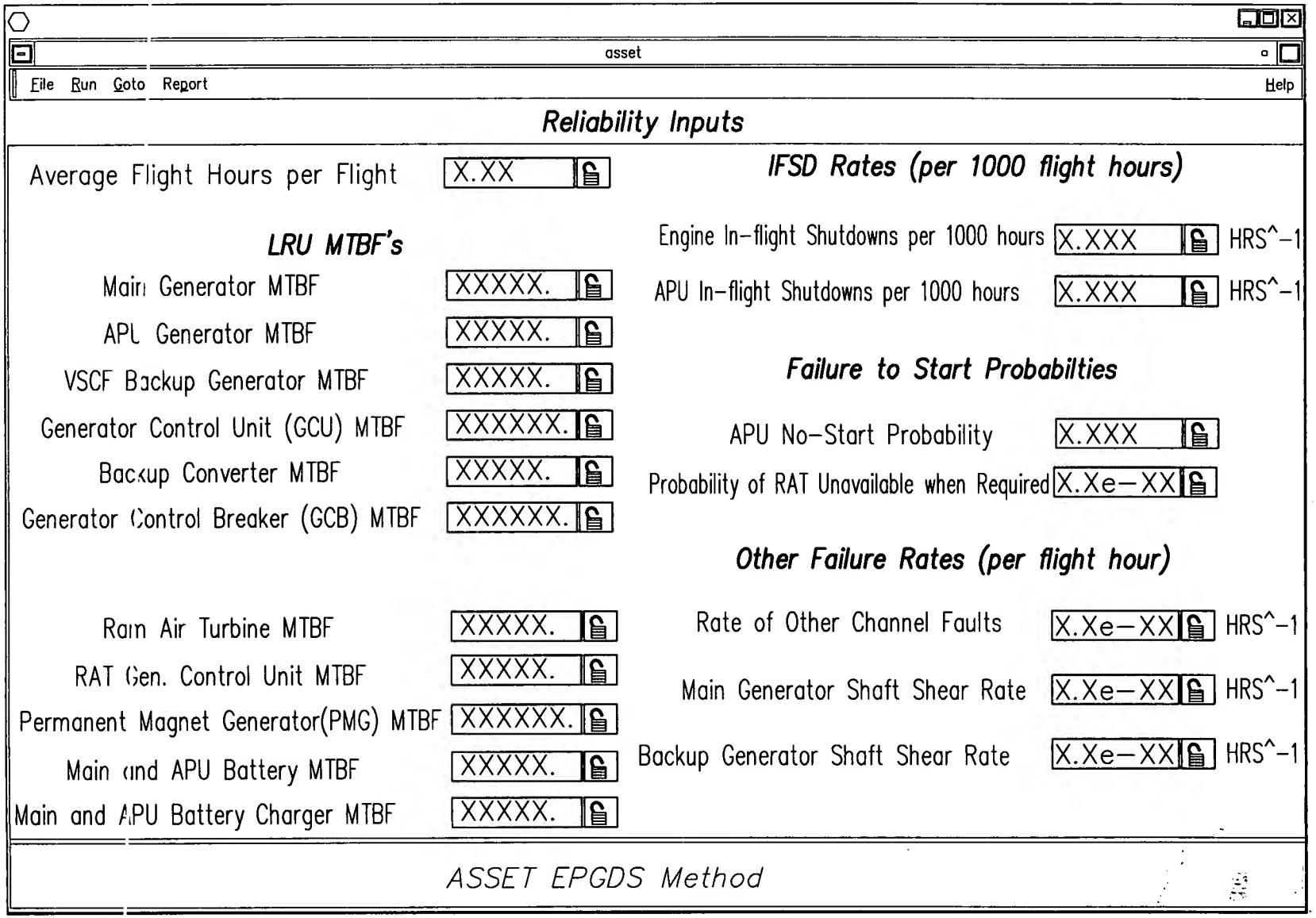


FIG. 46

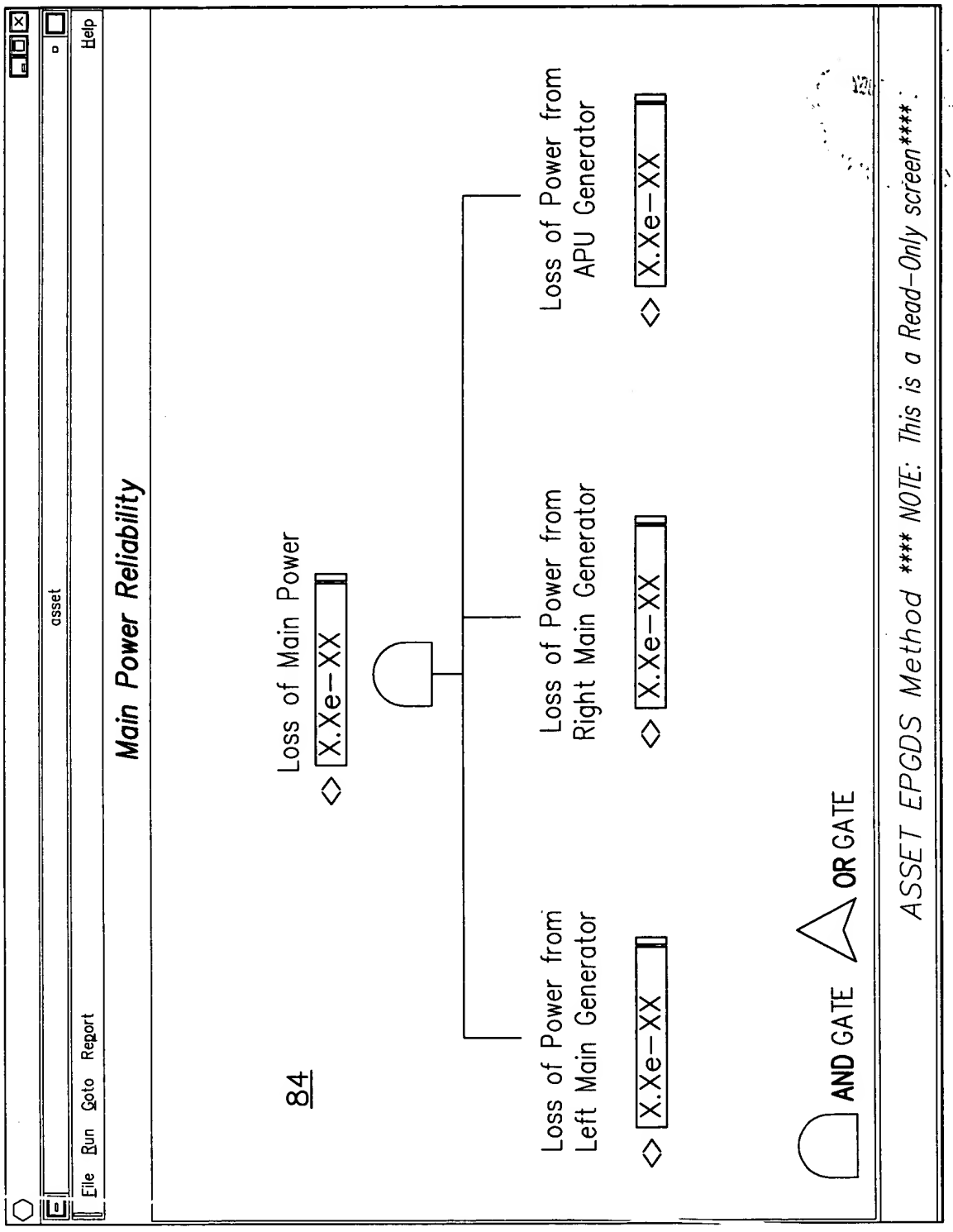


FIG. 47

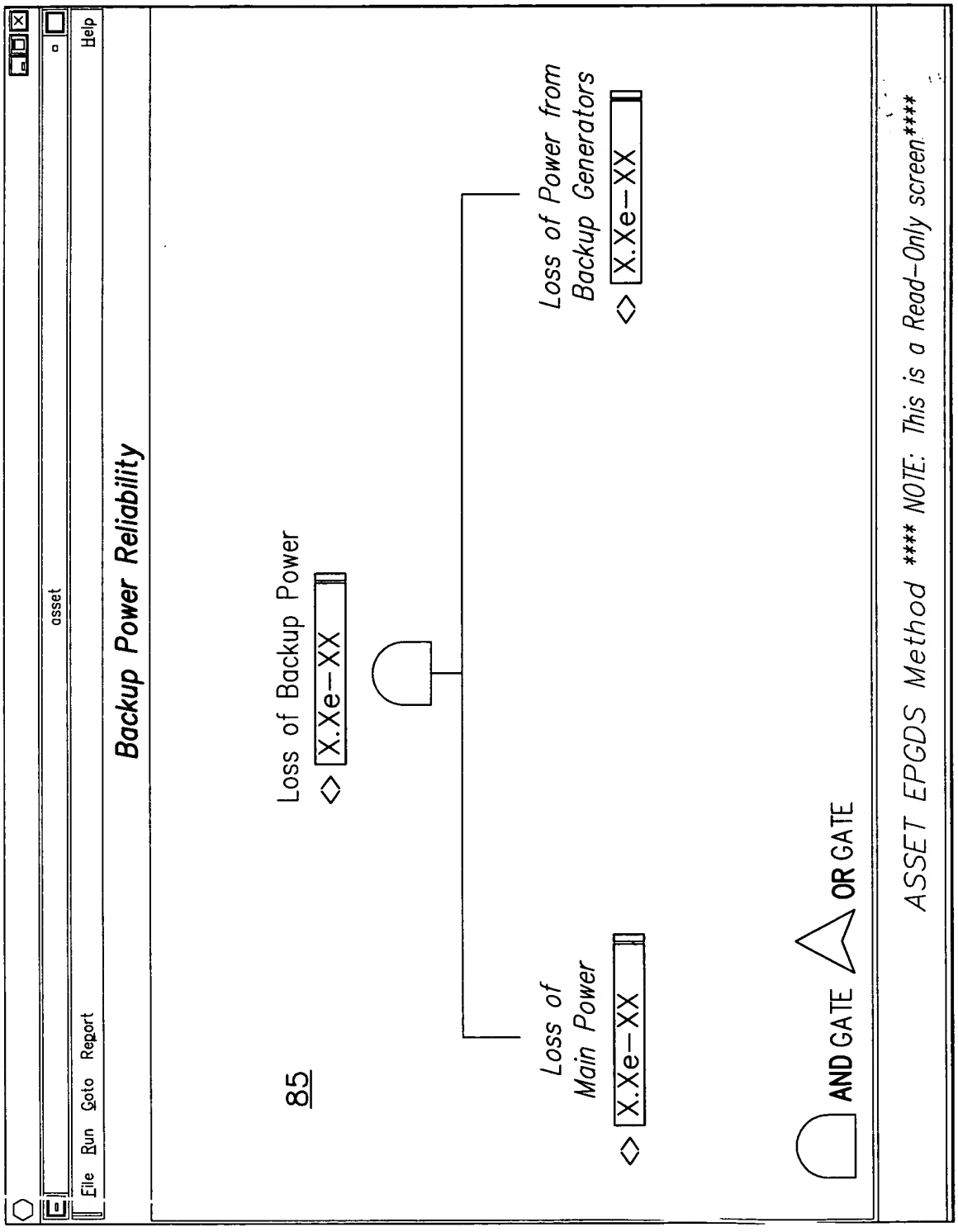


FIG. 48

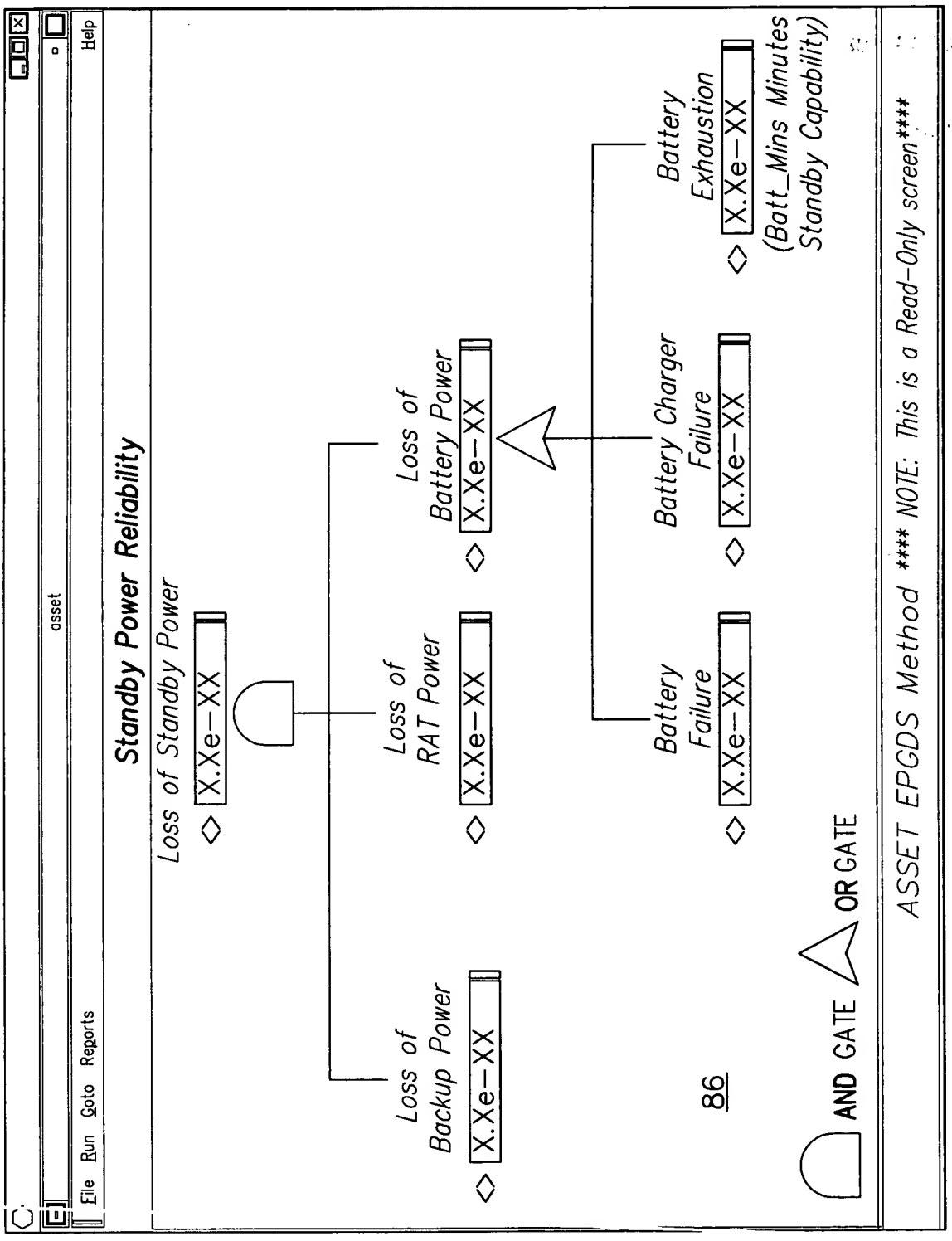


FIG. 49

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

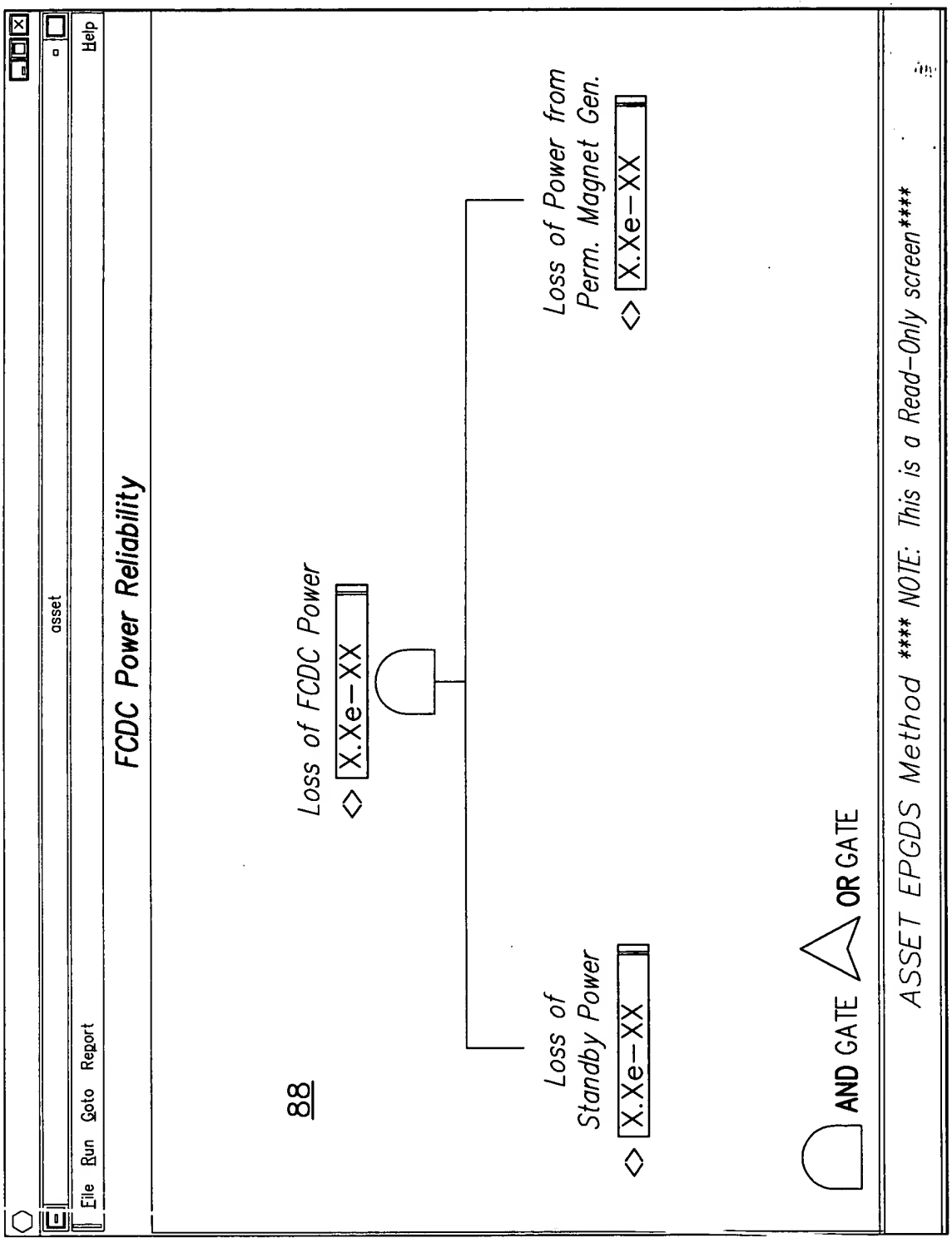


FIG. 50

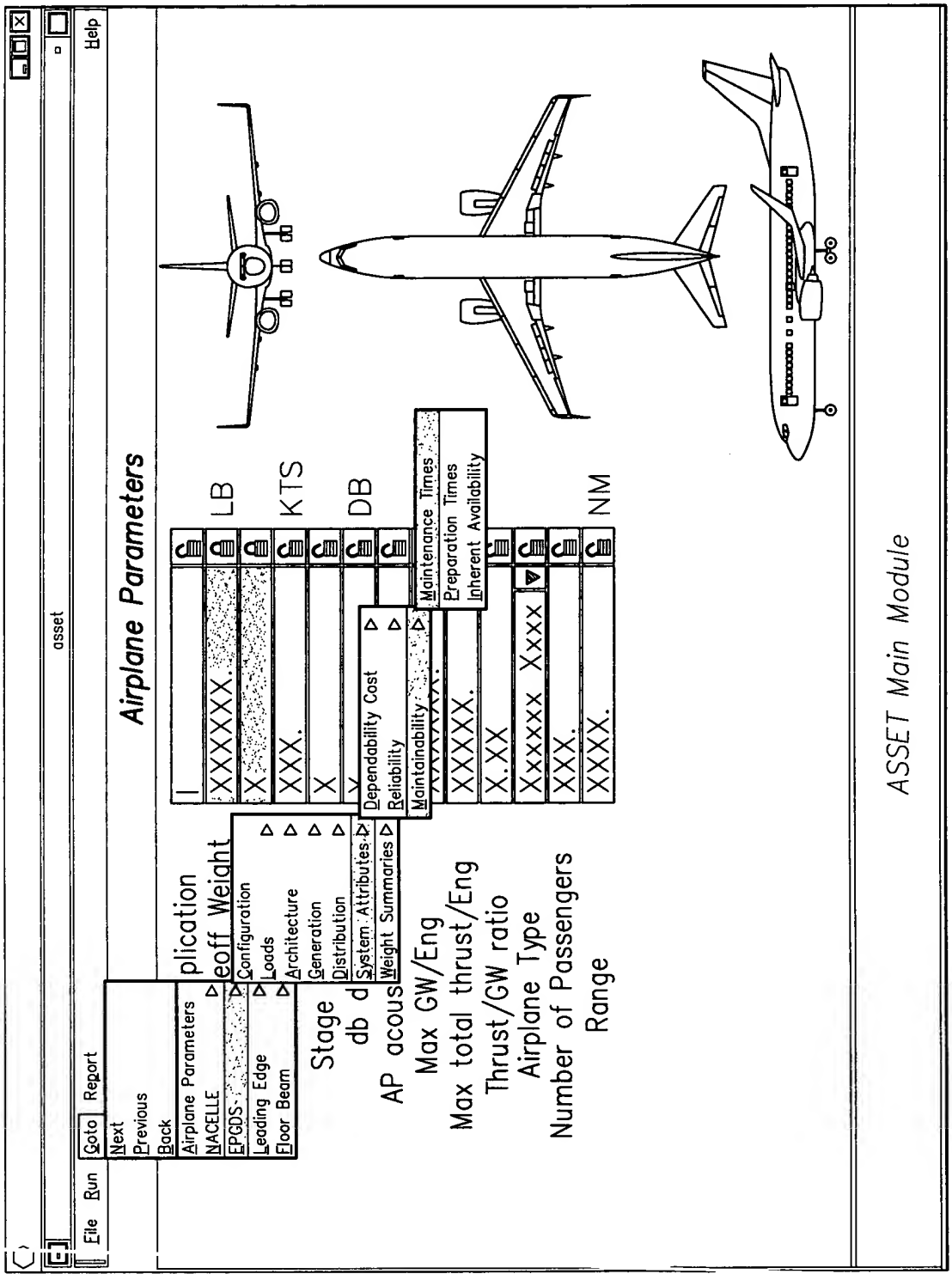


FIG. 51

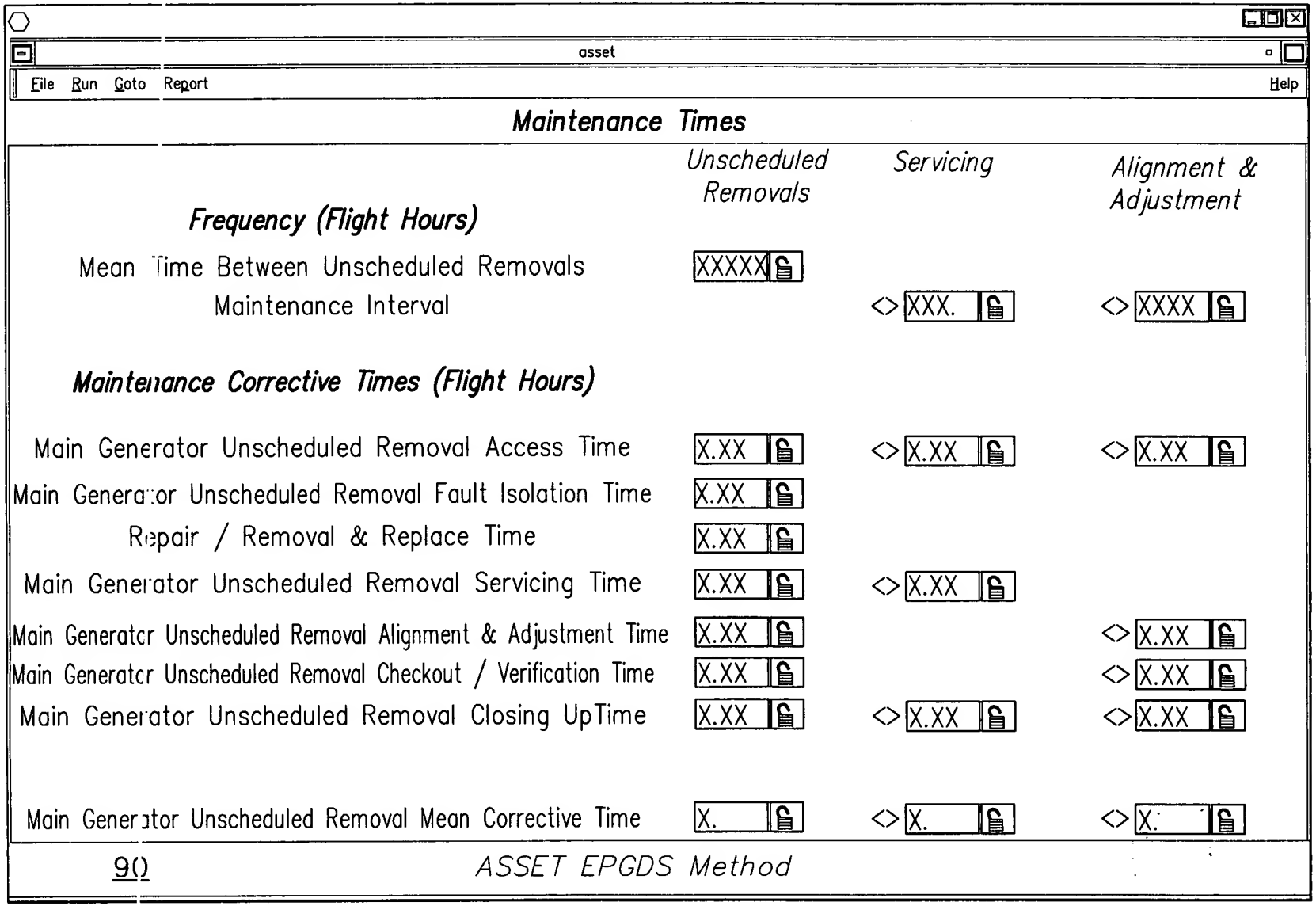


FIG. 52

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229
O.G. FIG
CLASS
SUBCL
DRAFTSMAN
BY

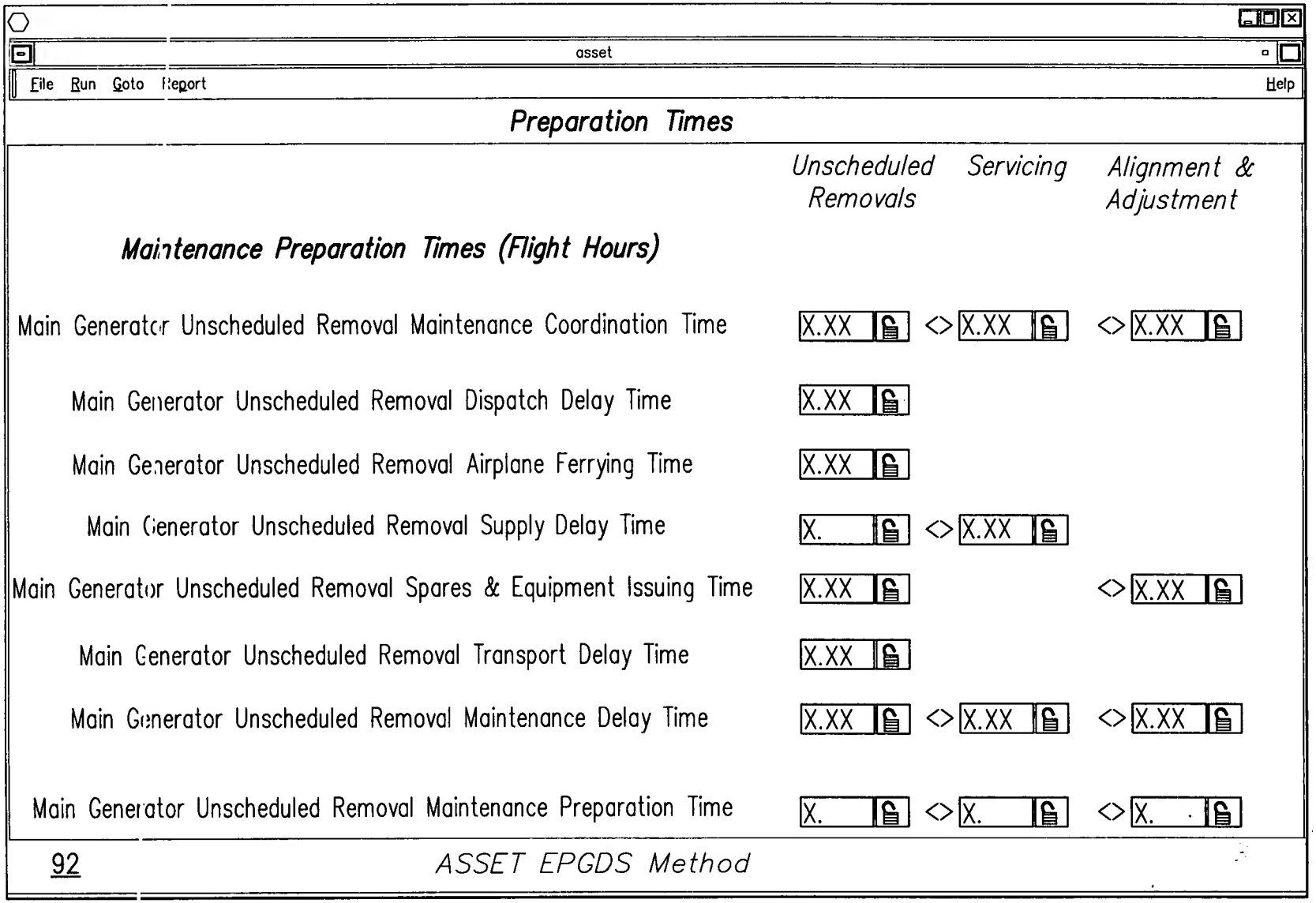


FIG. 53

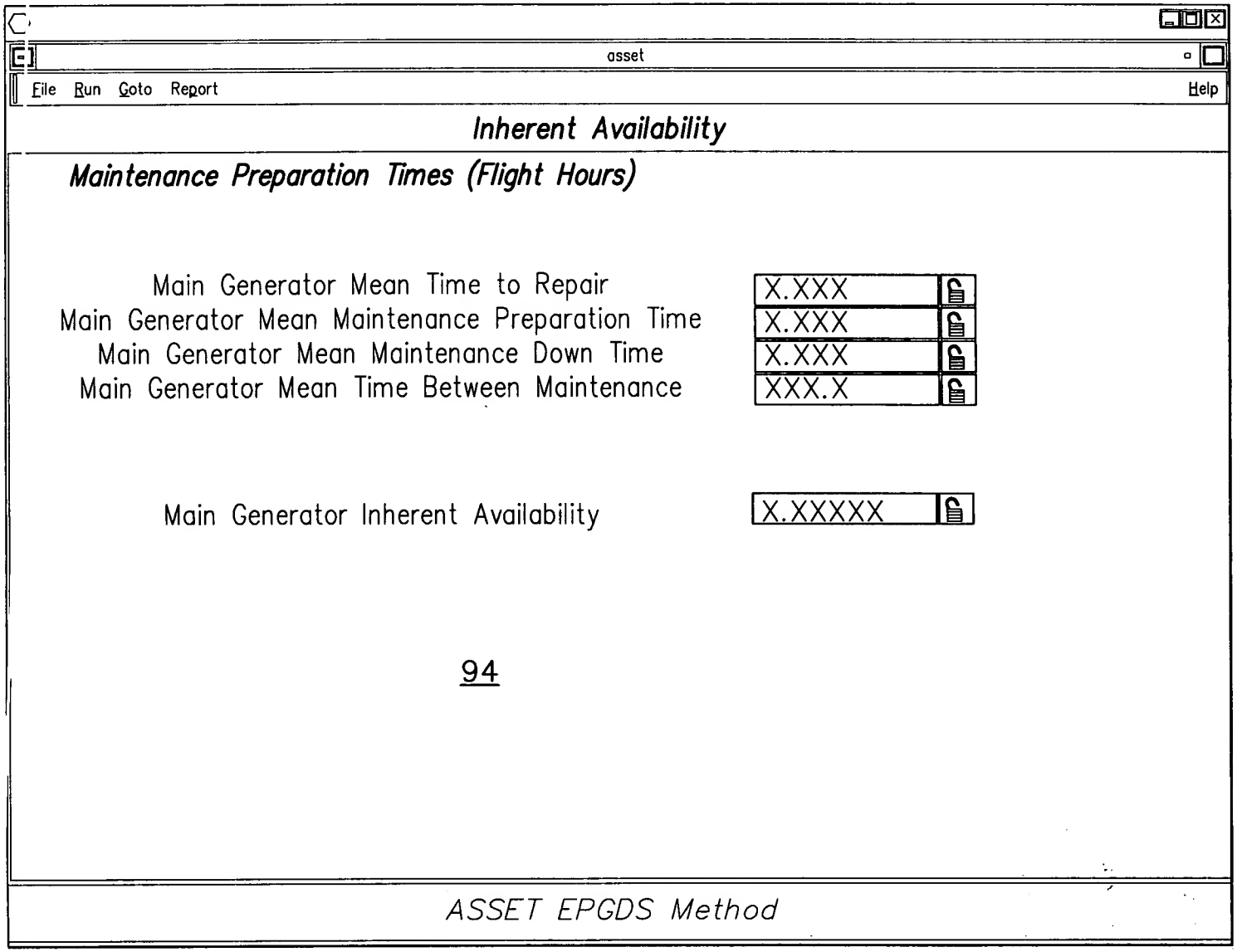


FIG. 54

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

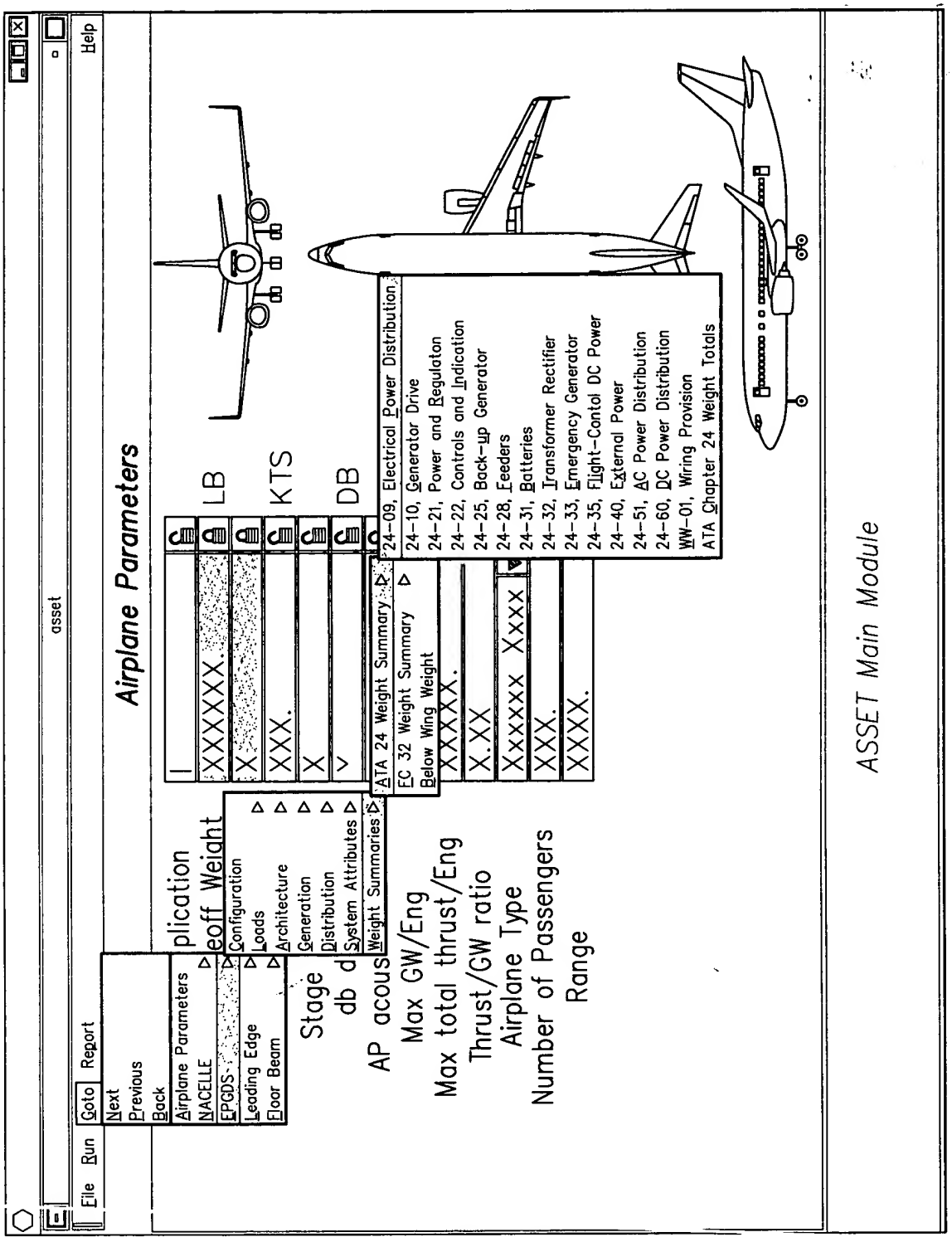


FIG. 55

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

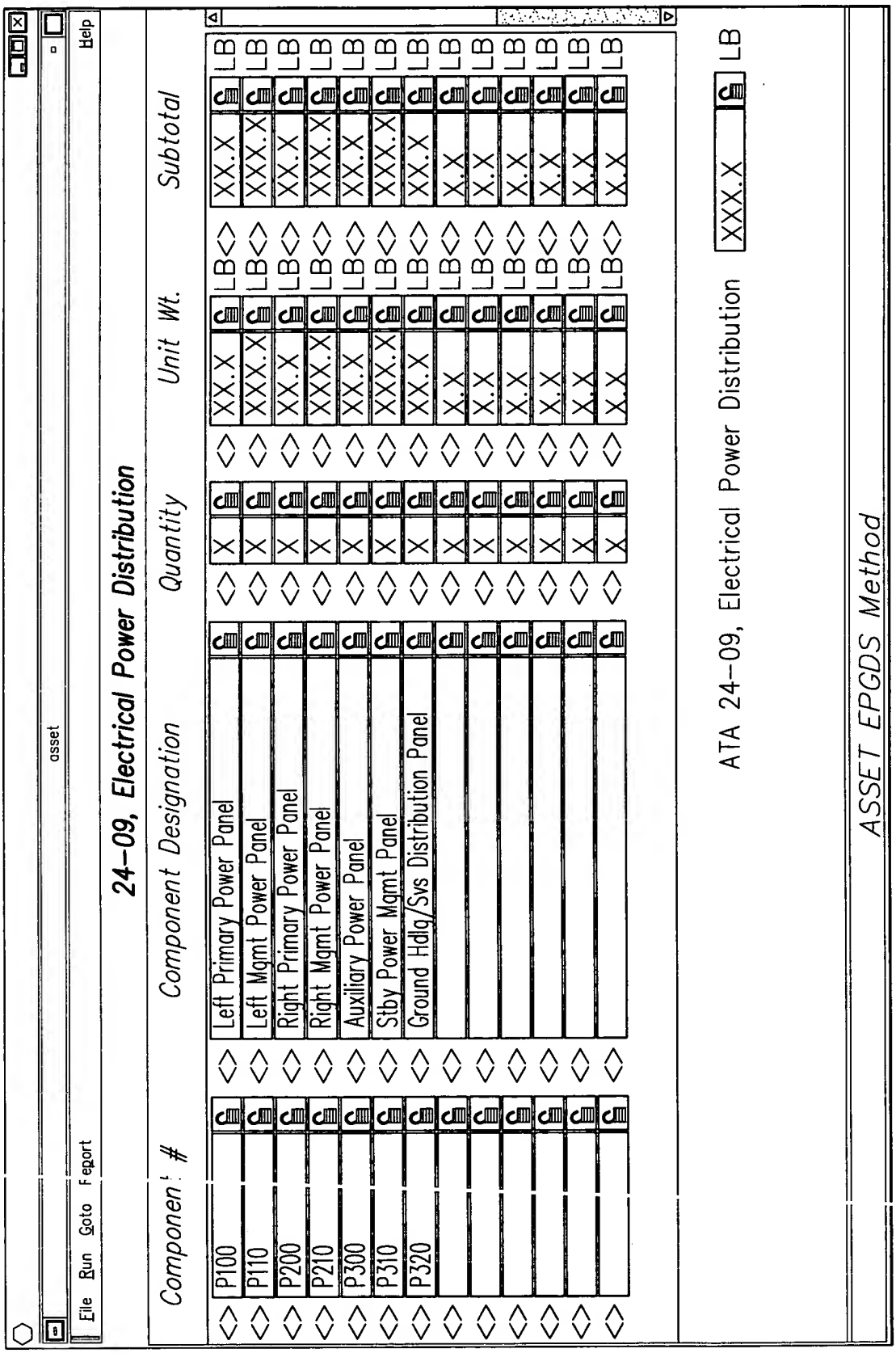


FIG. 56

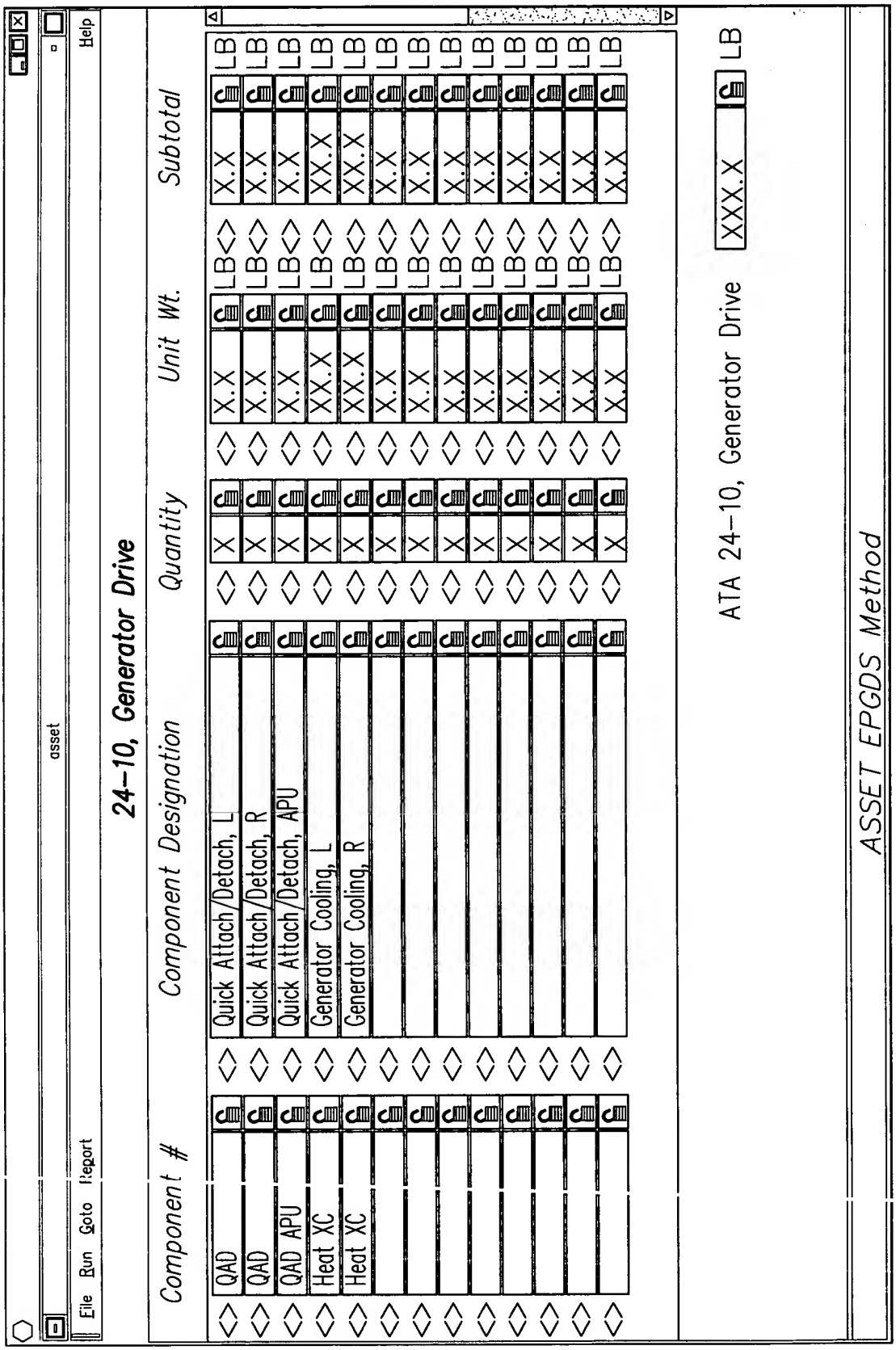


FIG. 57

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

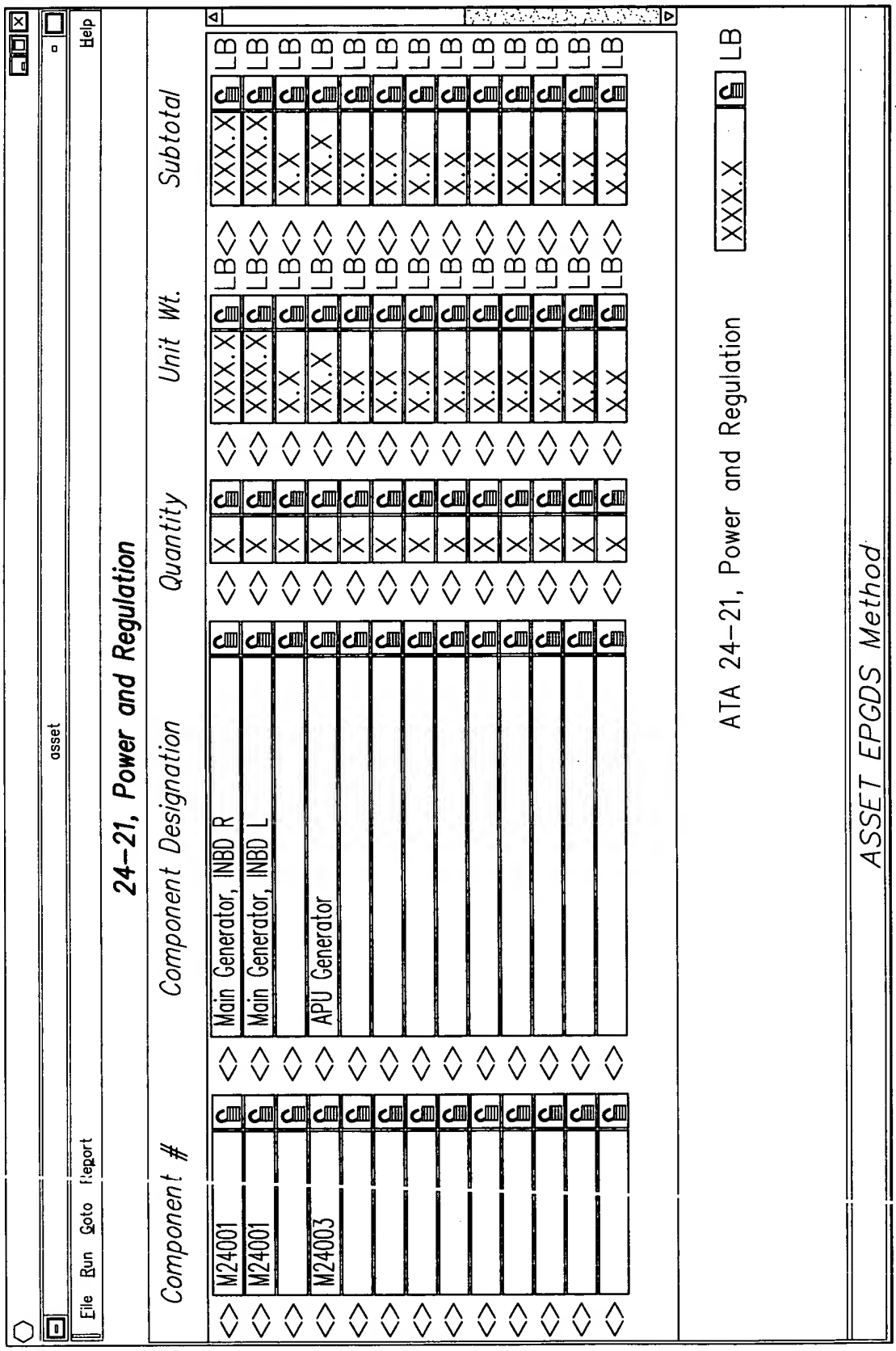


FIG. 58

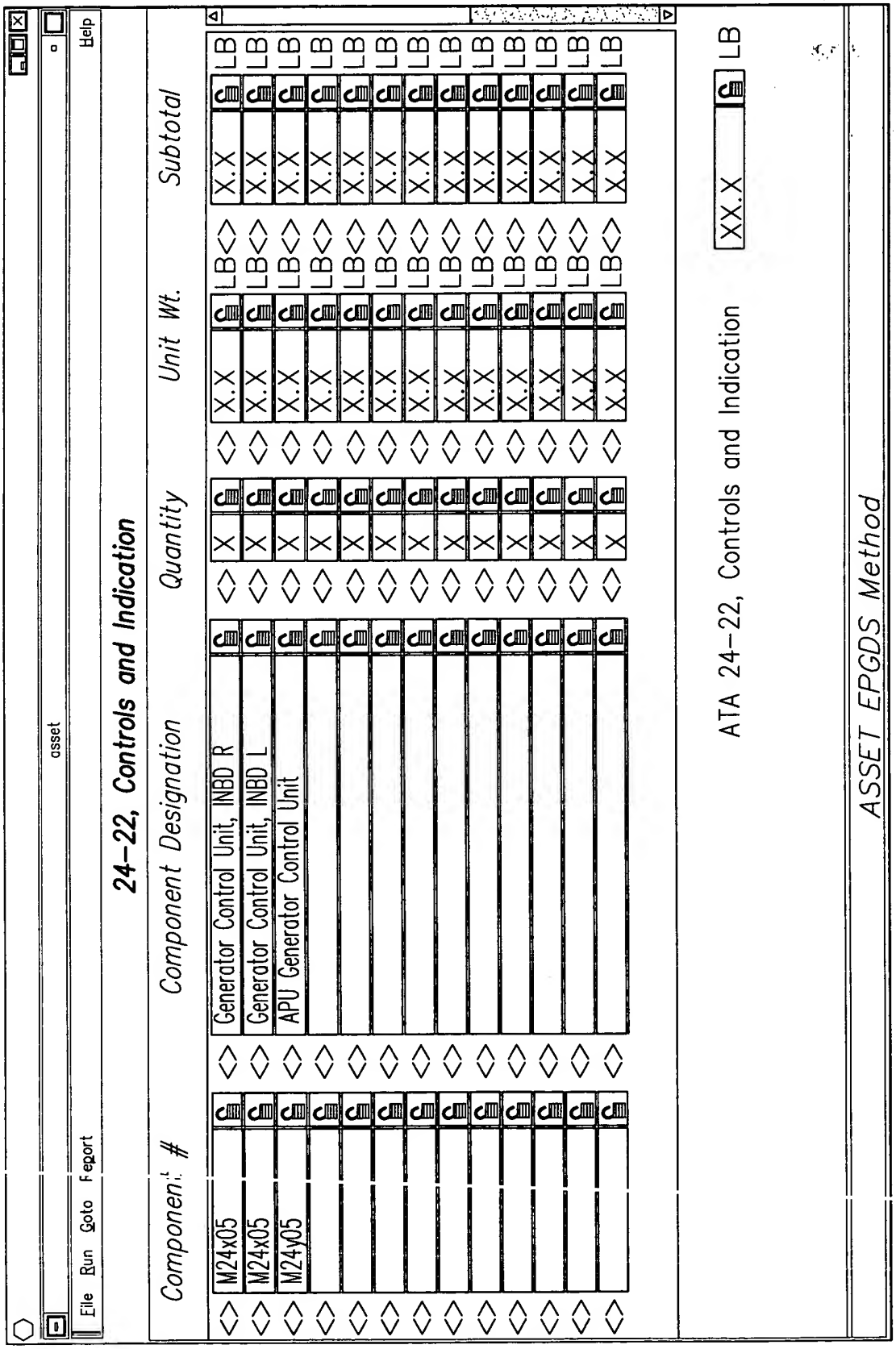


FIG. 59

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

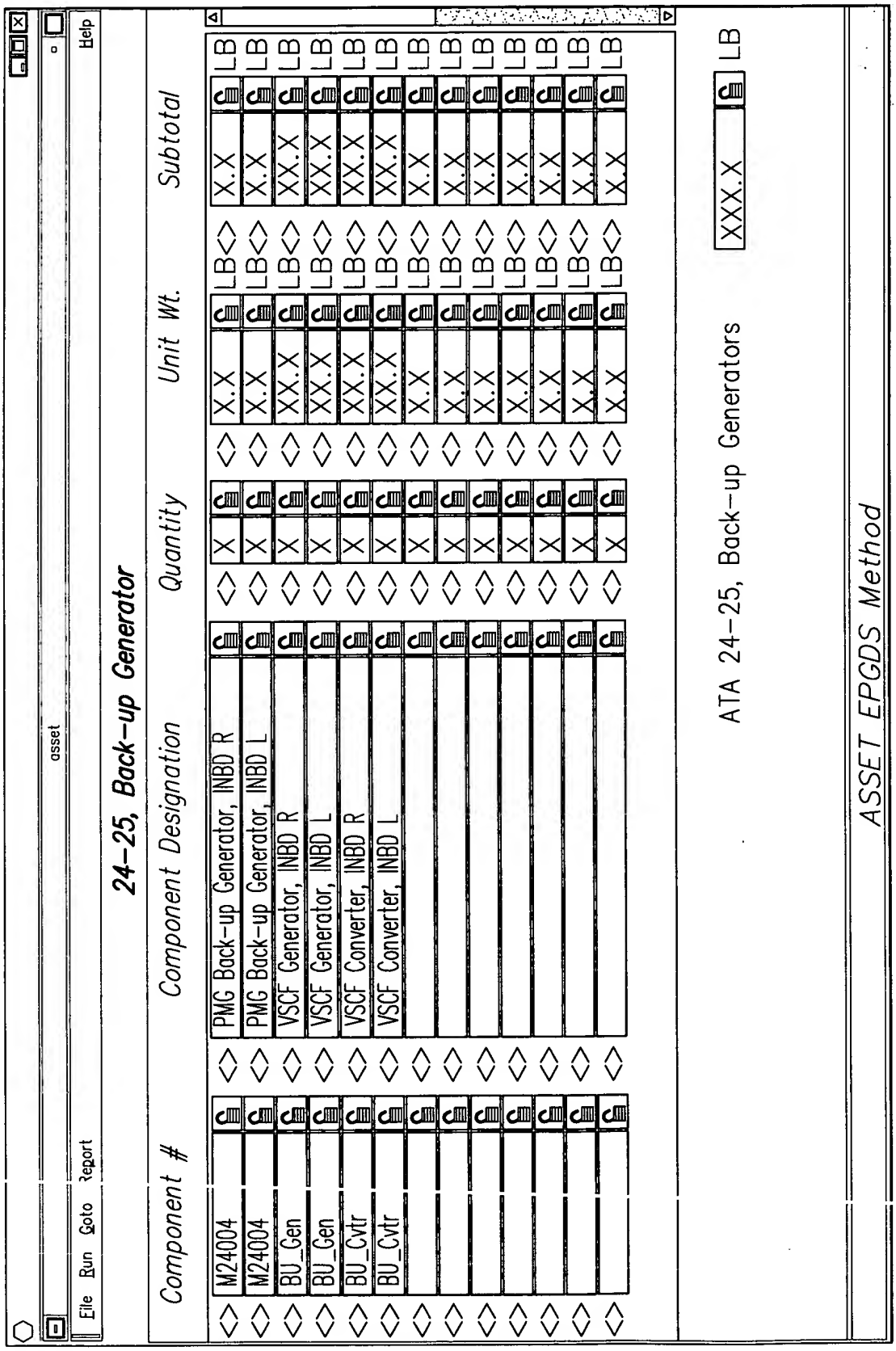


FIG. 60

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

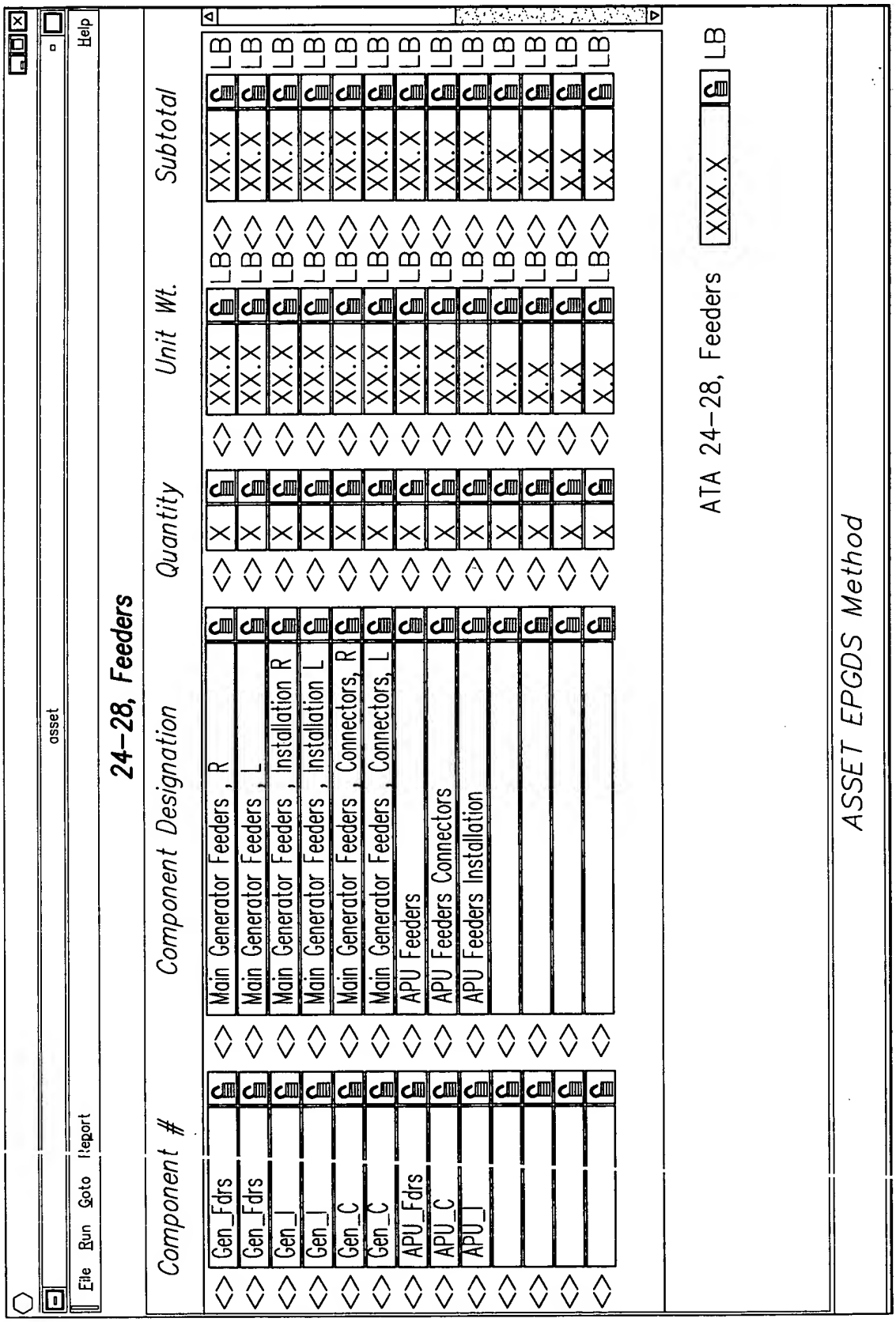


FIG. 61

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

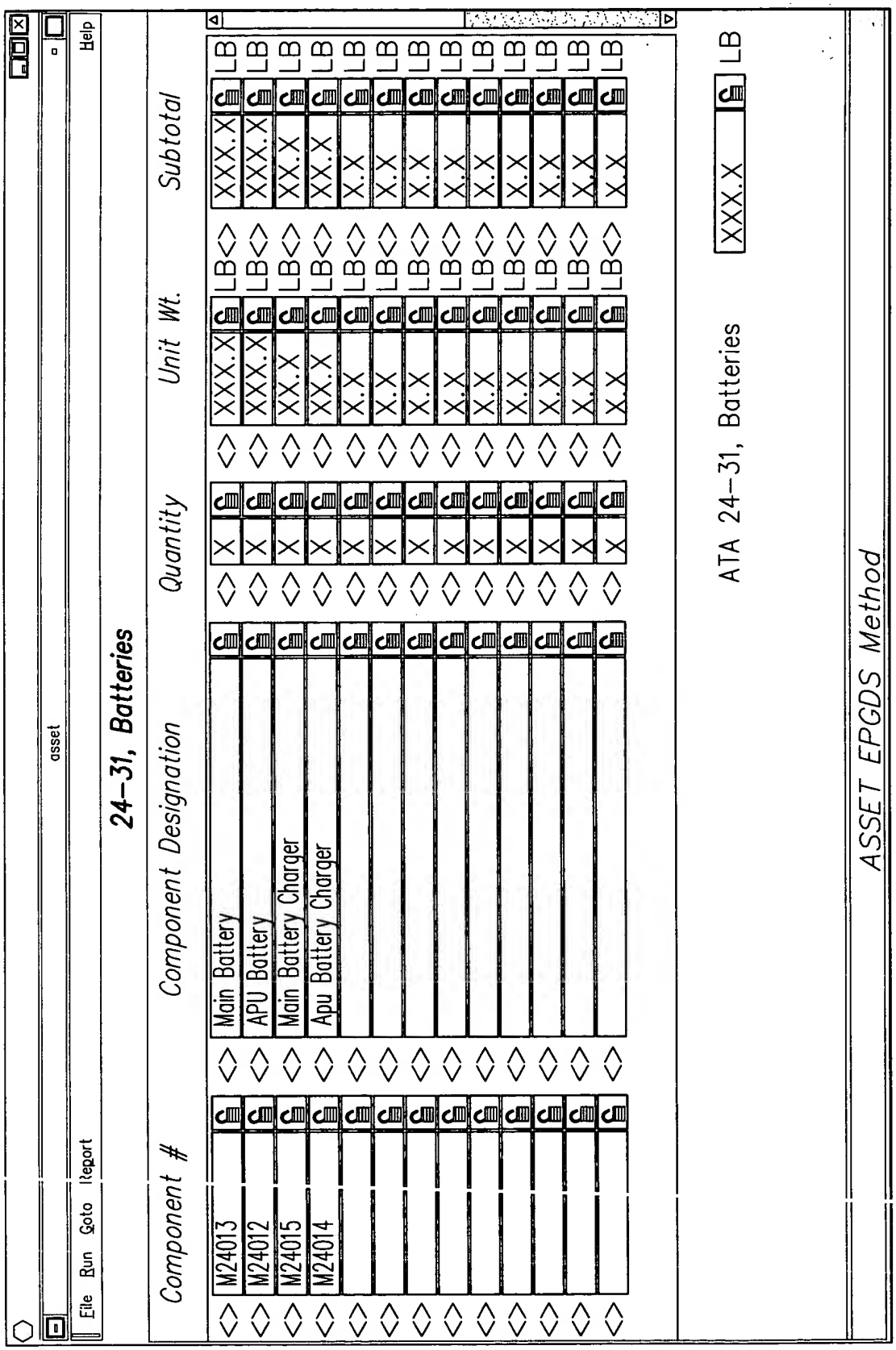


FIG. 62

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

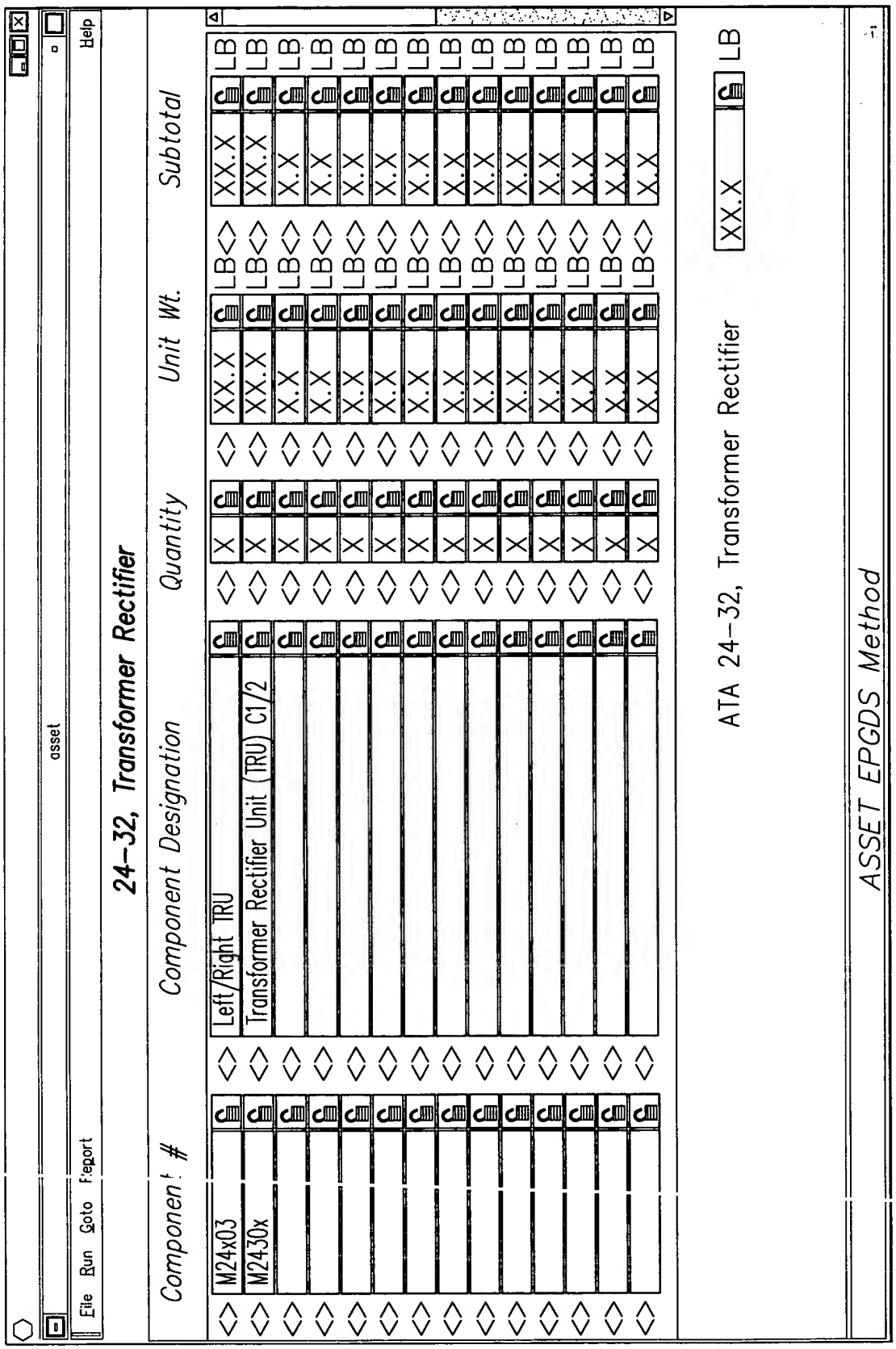


FIG. 63

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

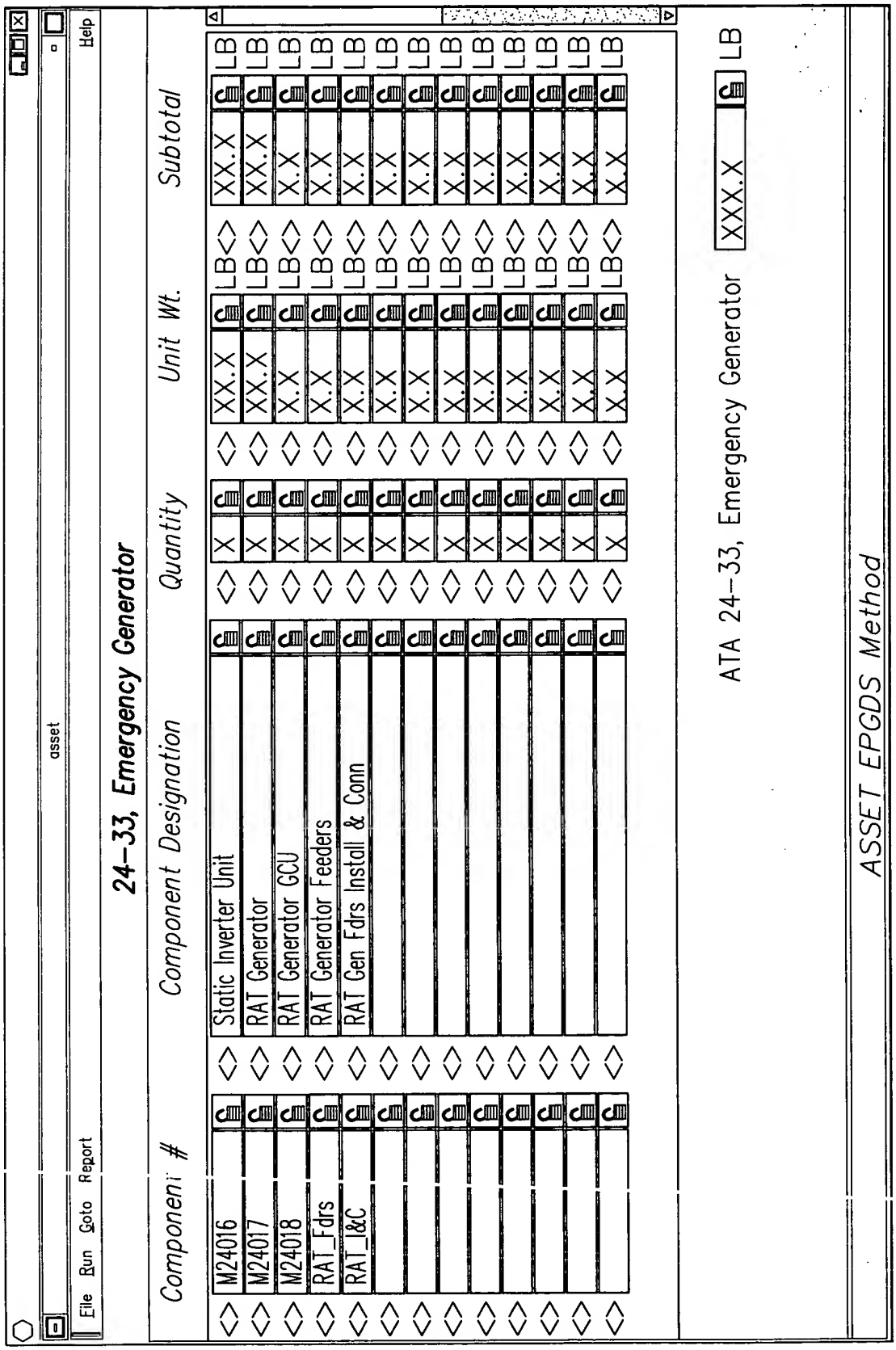


FIG. 64

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

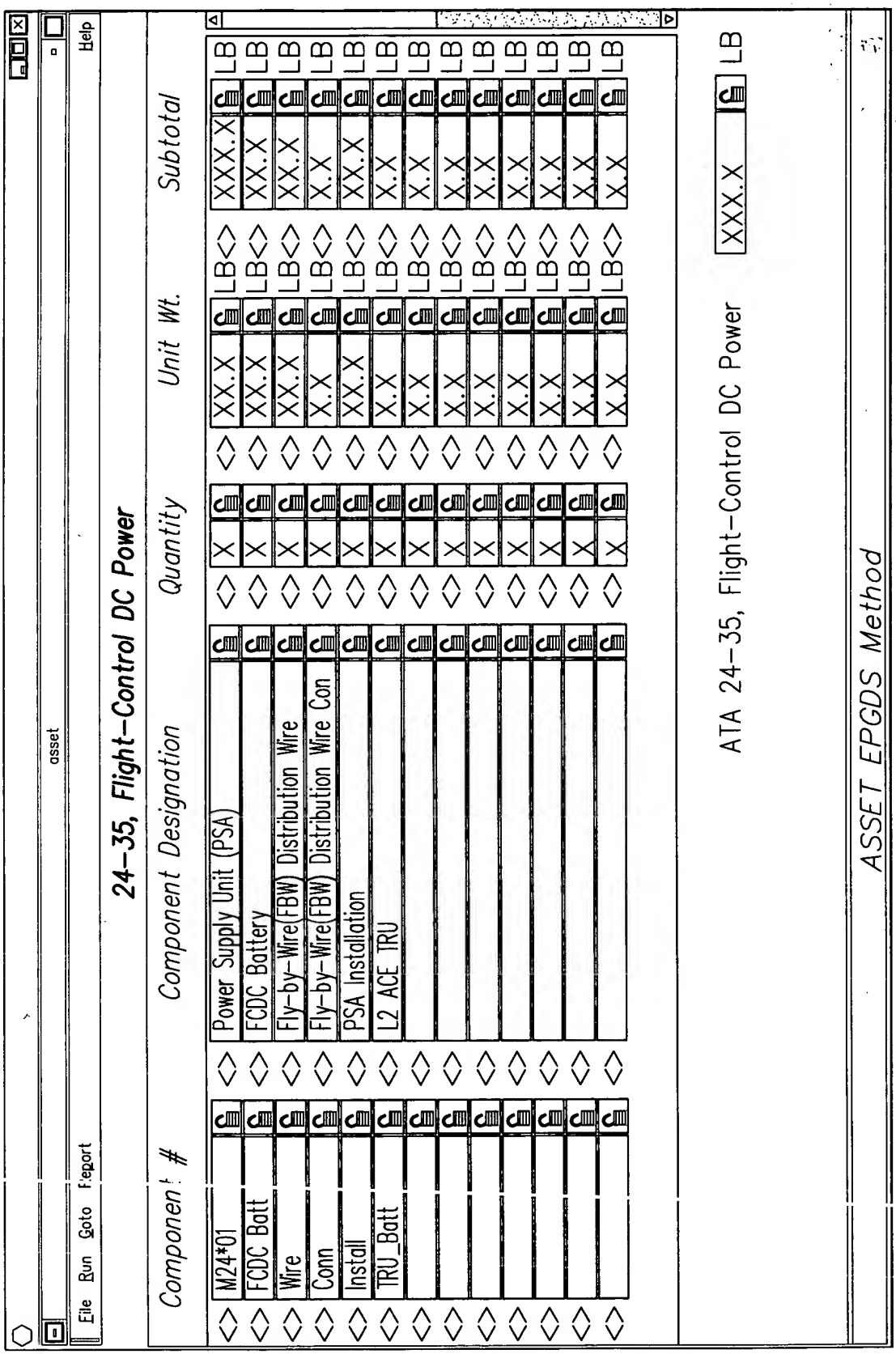


FIG. 65

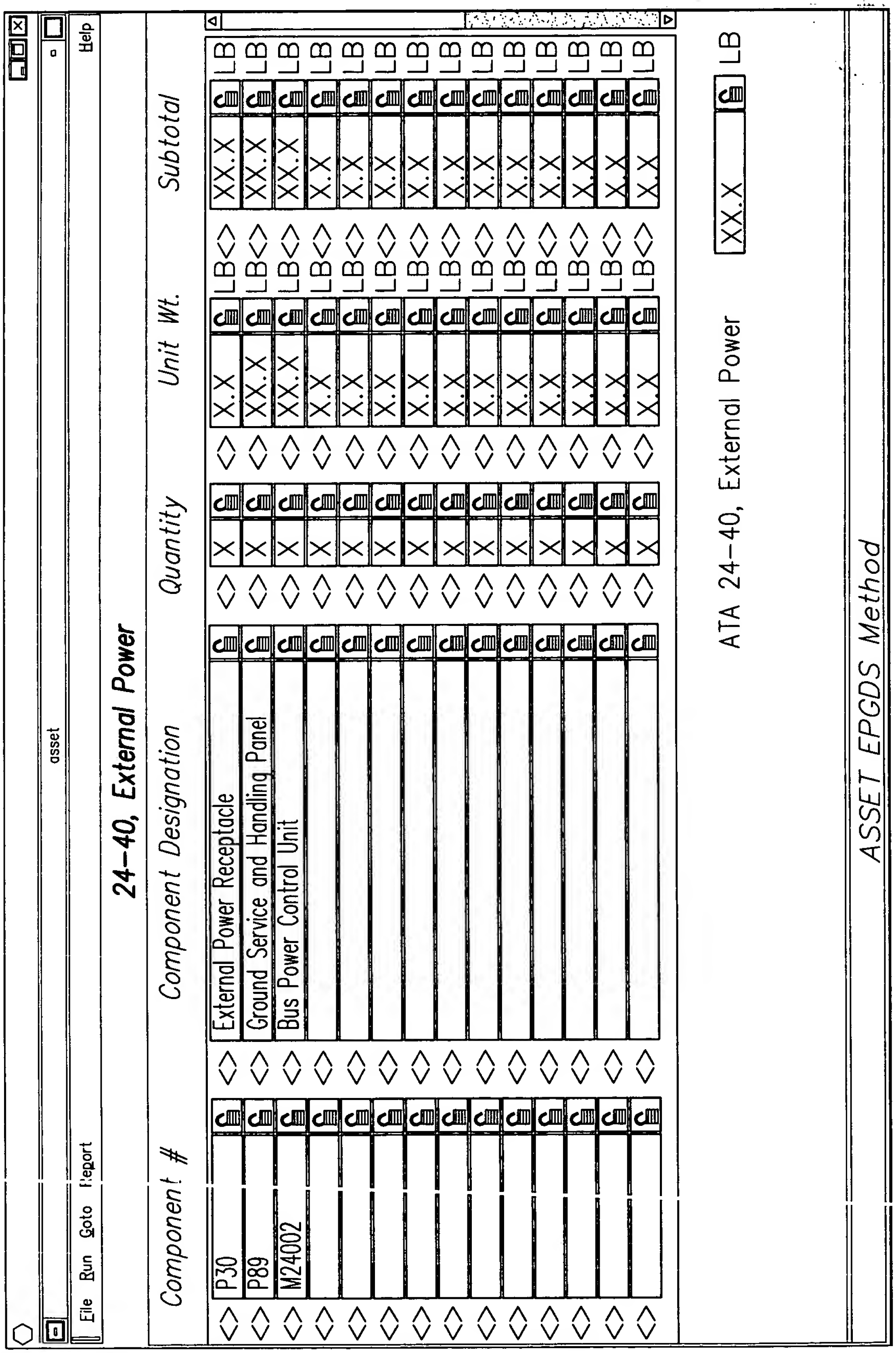

asset
File Run Goto Report Help
24-40, External Power
Component #
Component Designation
Quantity
Unit Wt.
Subtotal
P30
External Power Receptacle
P89
Ground Service and Handling Panel
M24002
Bus Power Control Unit
X
XX.X
X.X
LB
ATA 24-40, External Power
XX.X LB
ASSET EPGDS Method

FIG. 66

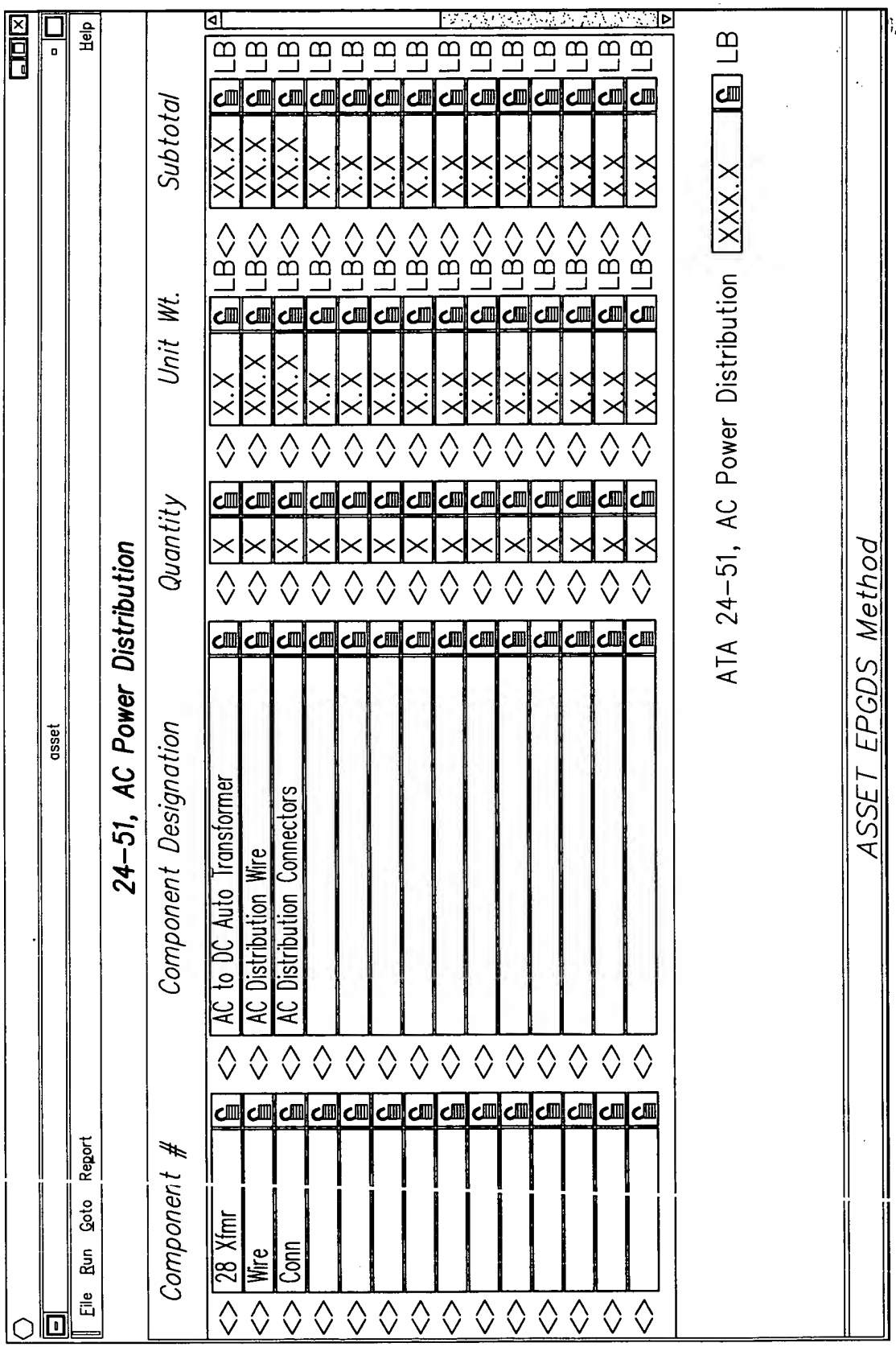


FIG. 67

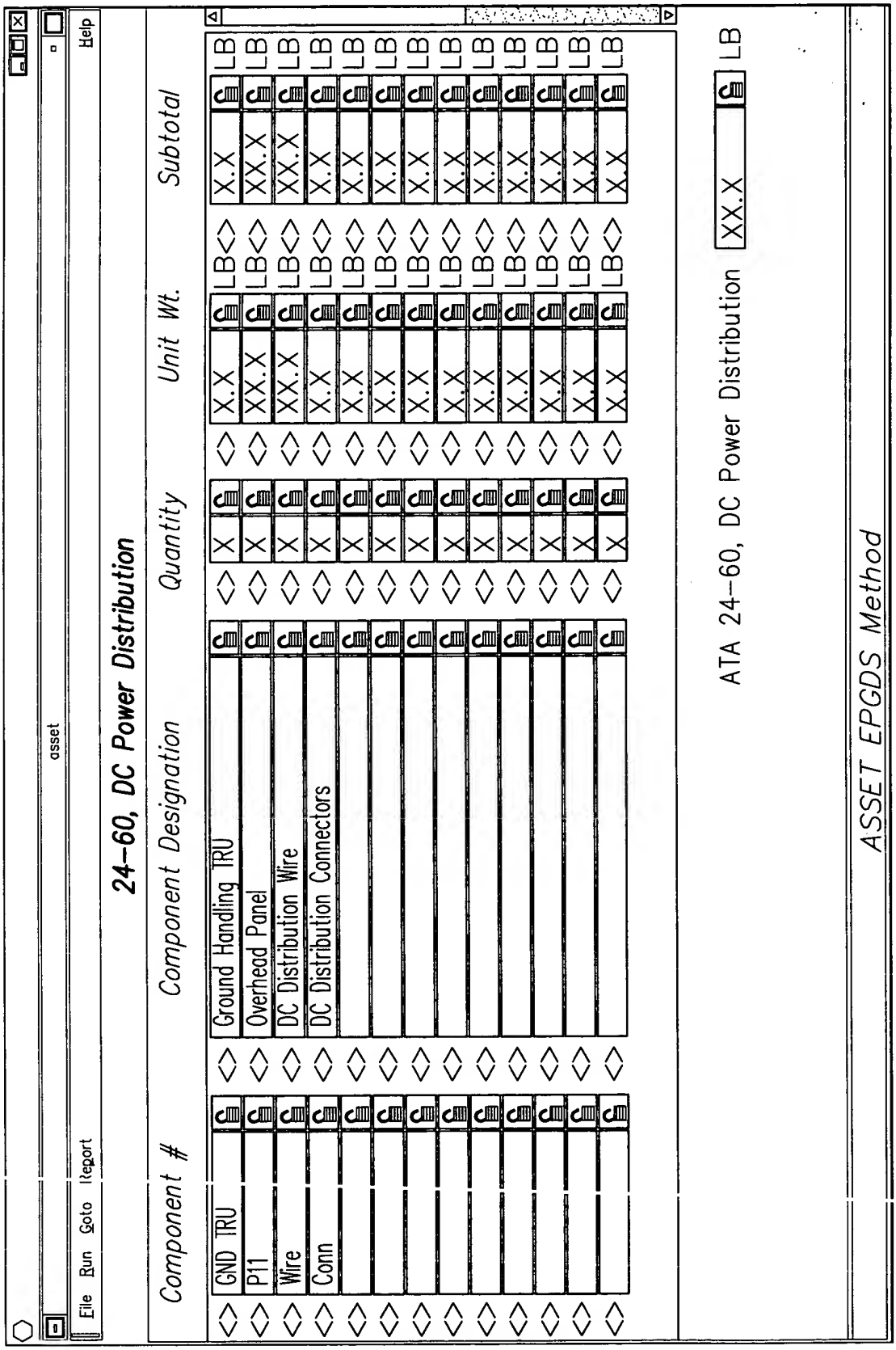


FIG. 68

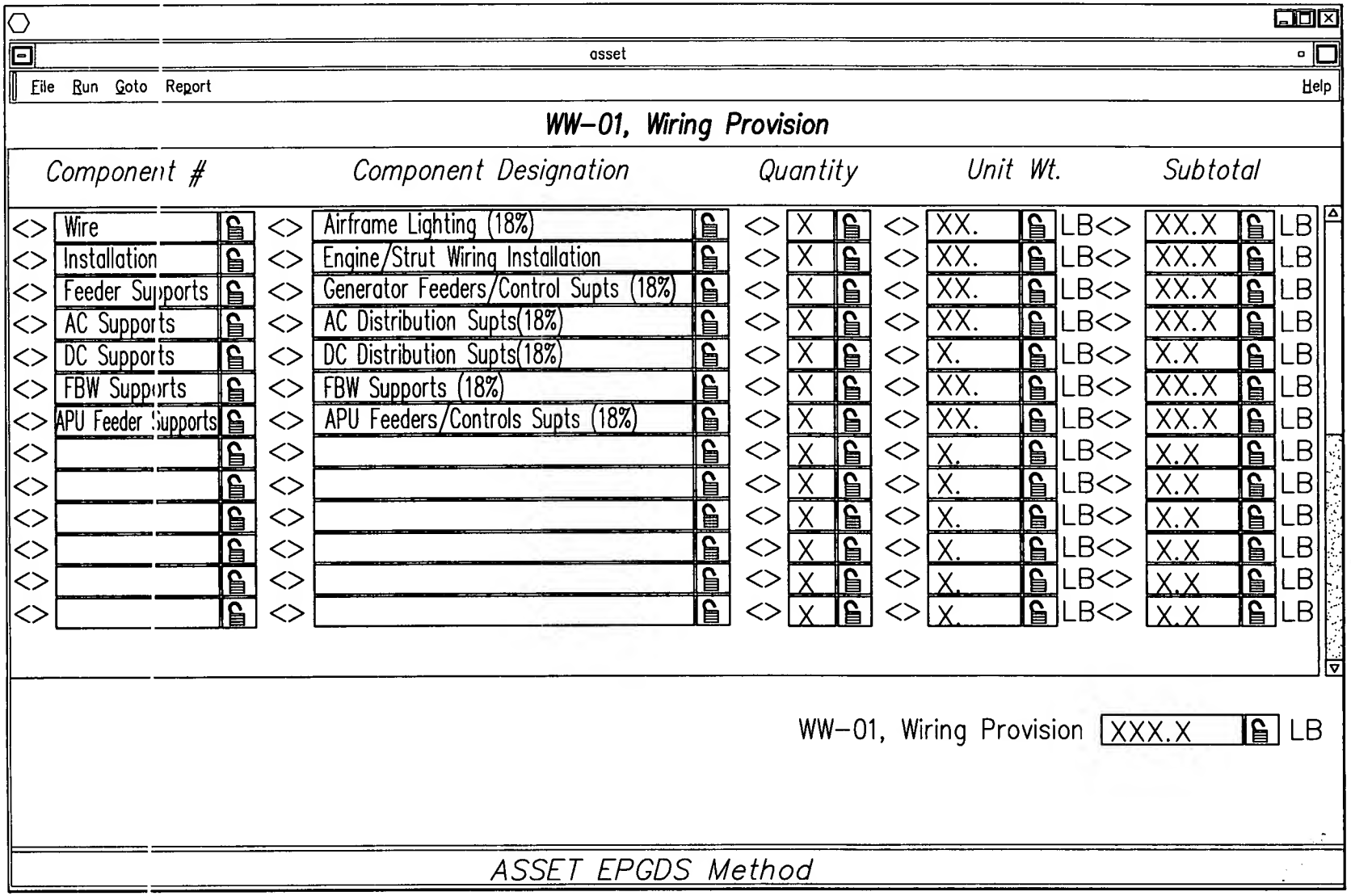


FIG. 69

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND O.G. FIG. EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
CLASS/SUBC.:
INVENTOR: BOND, et al.
BY
SN: 09/900,522; FILED 7/6/01
DRAFTSMAN
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

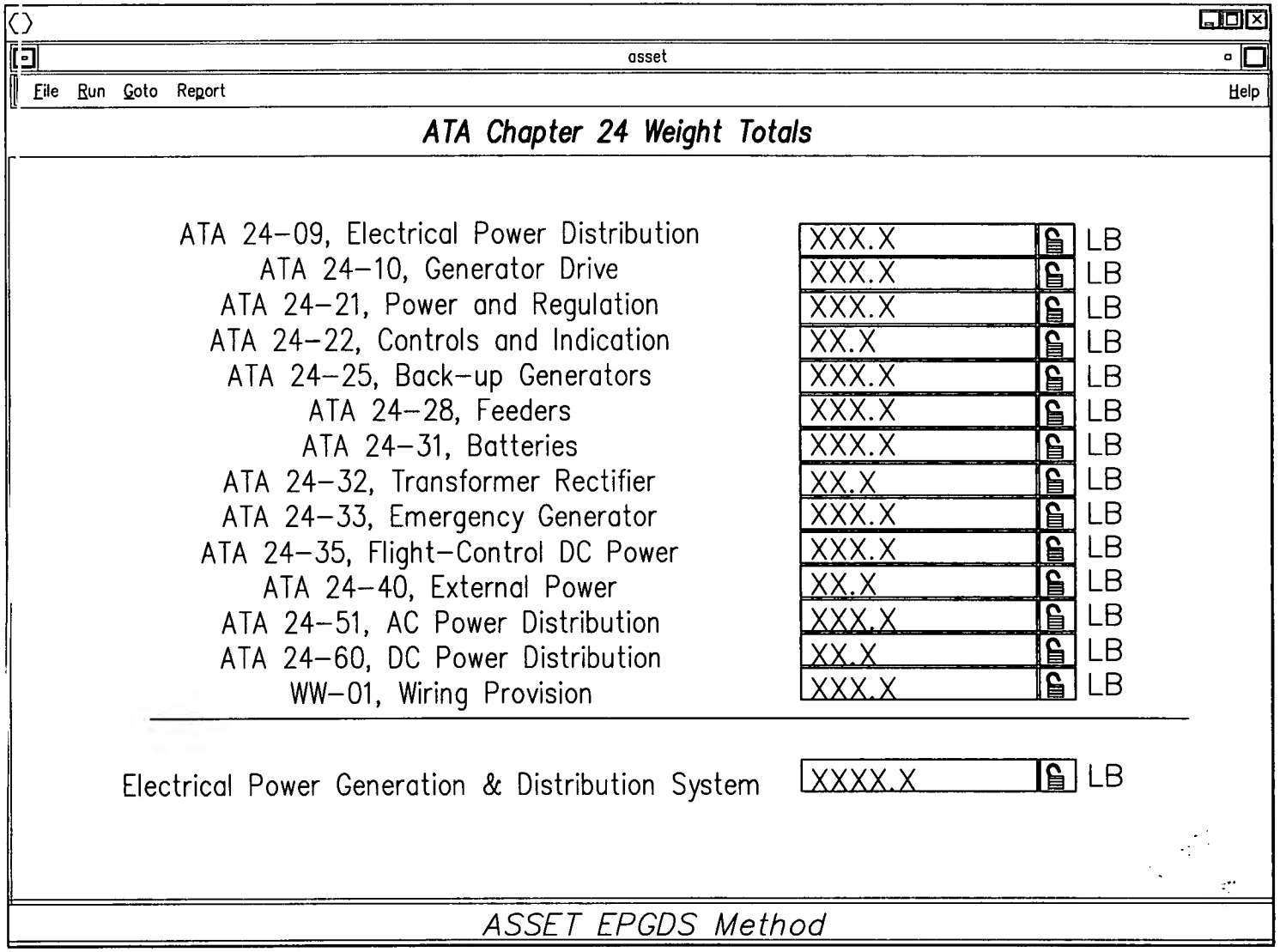


FIG. 70

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION S COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229
O.G. FIGURE
CLASS/SUB:
APPROVED
DRAFTSMAN
BY

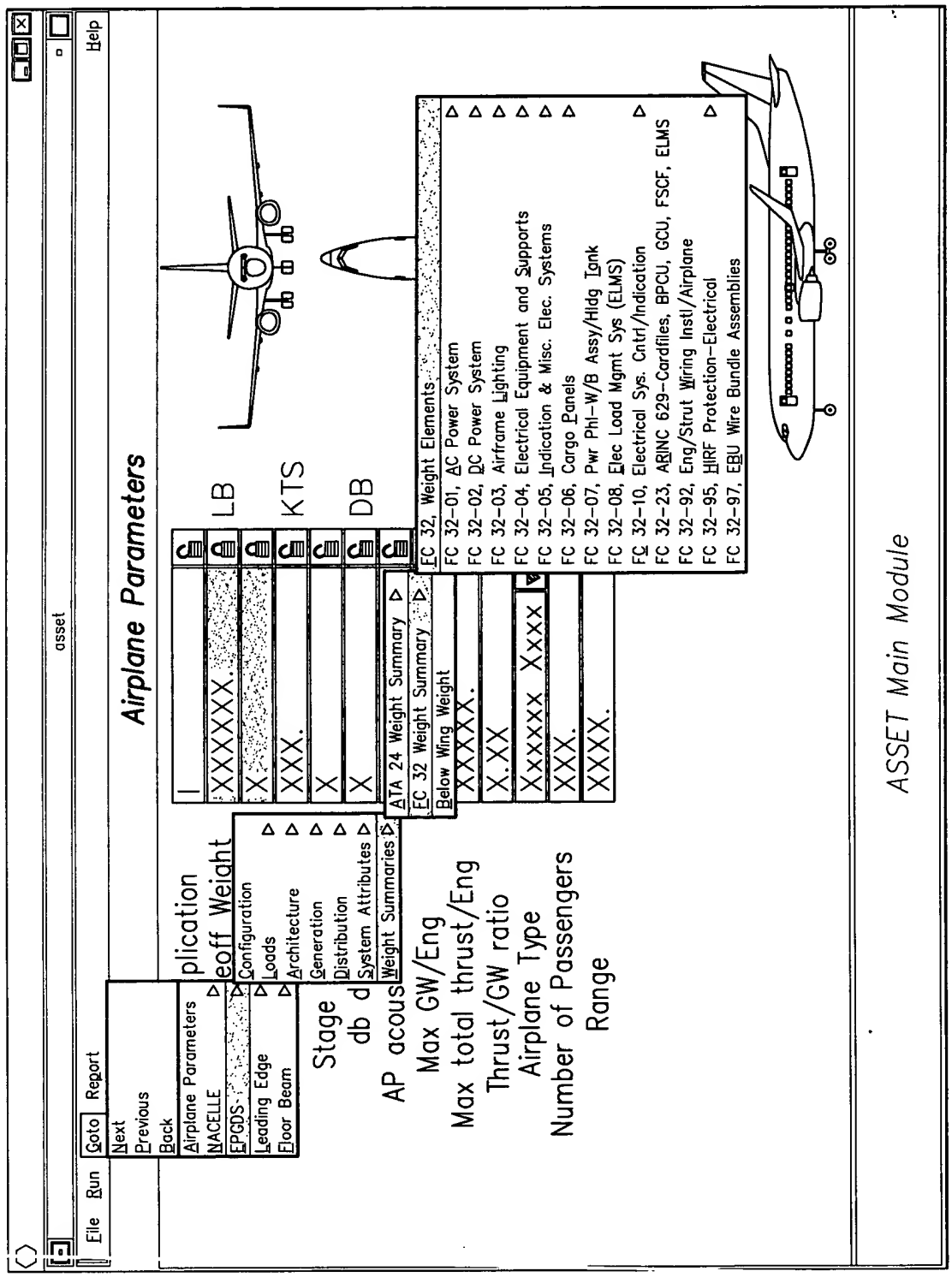


FIG. 71

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

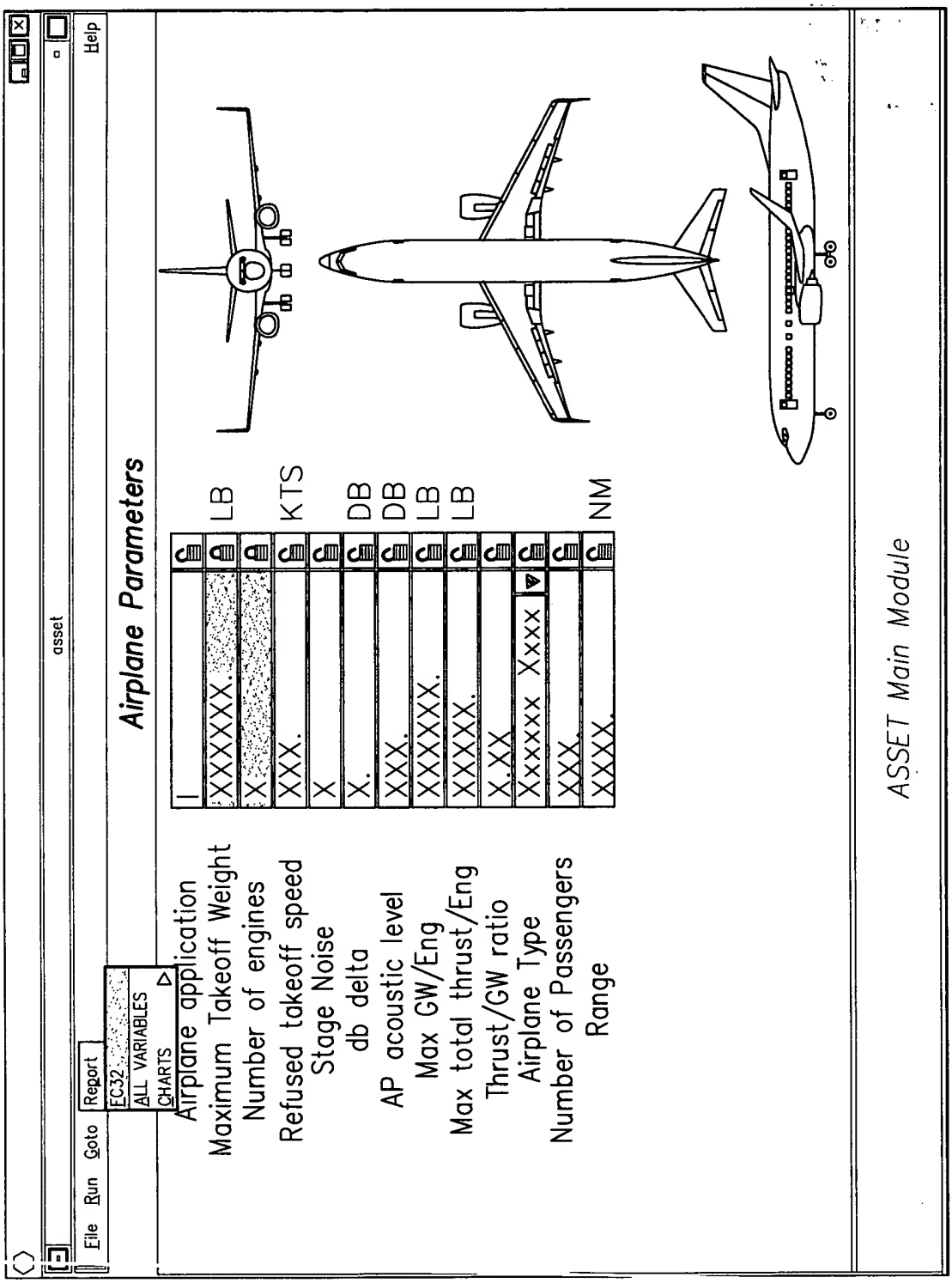


FIG. 72

CLASSTITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

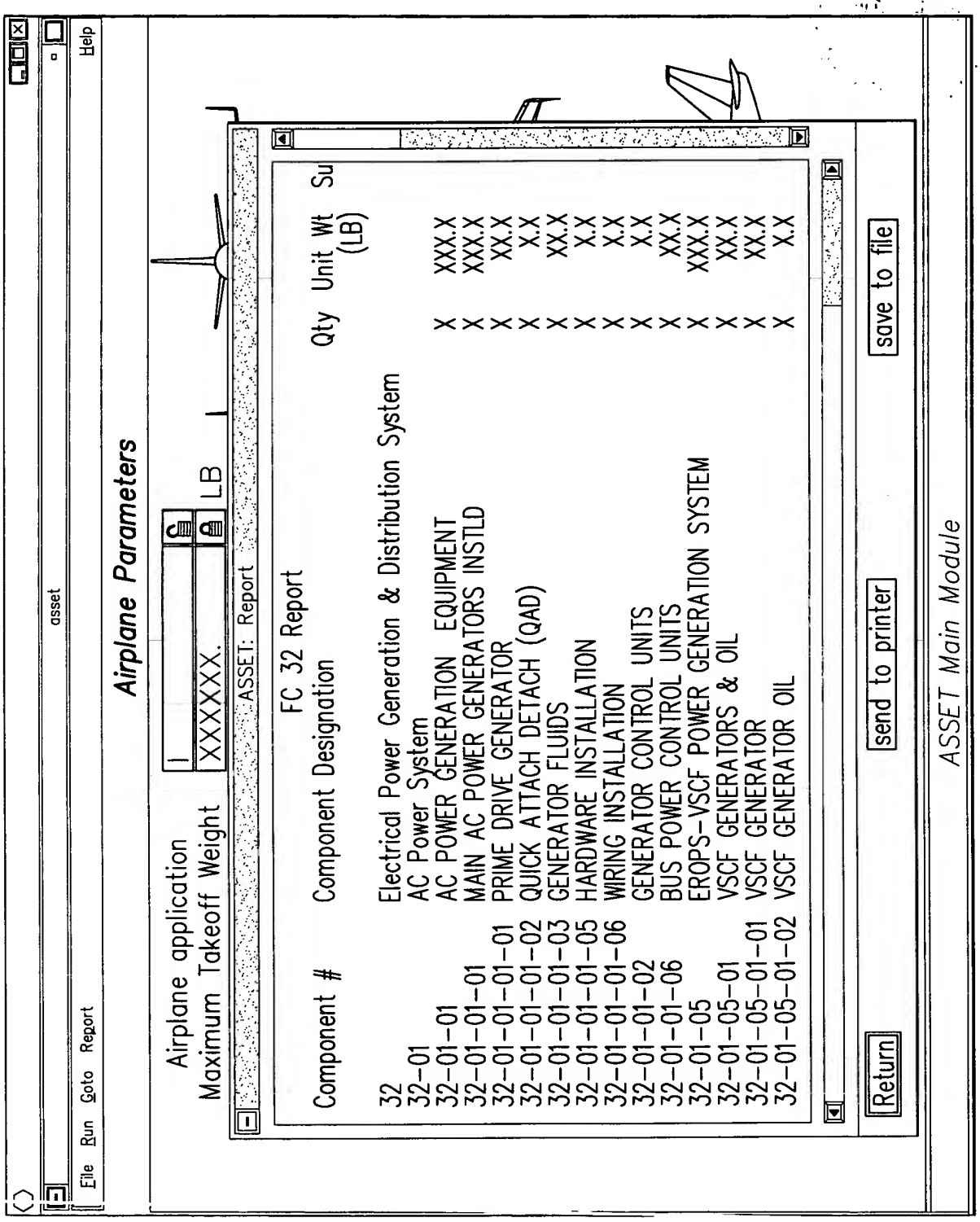


FIG. 73

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

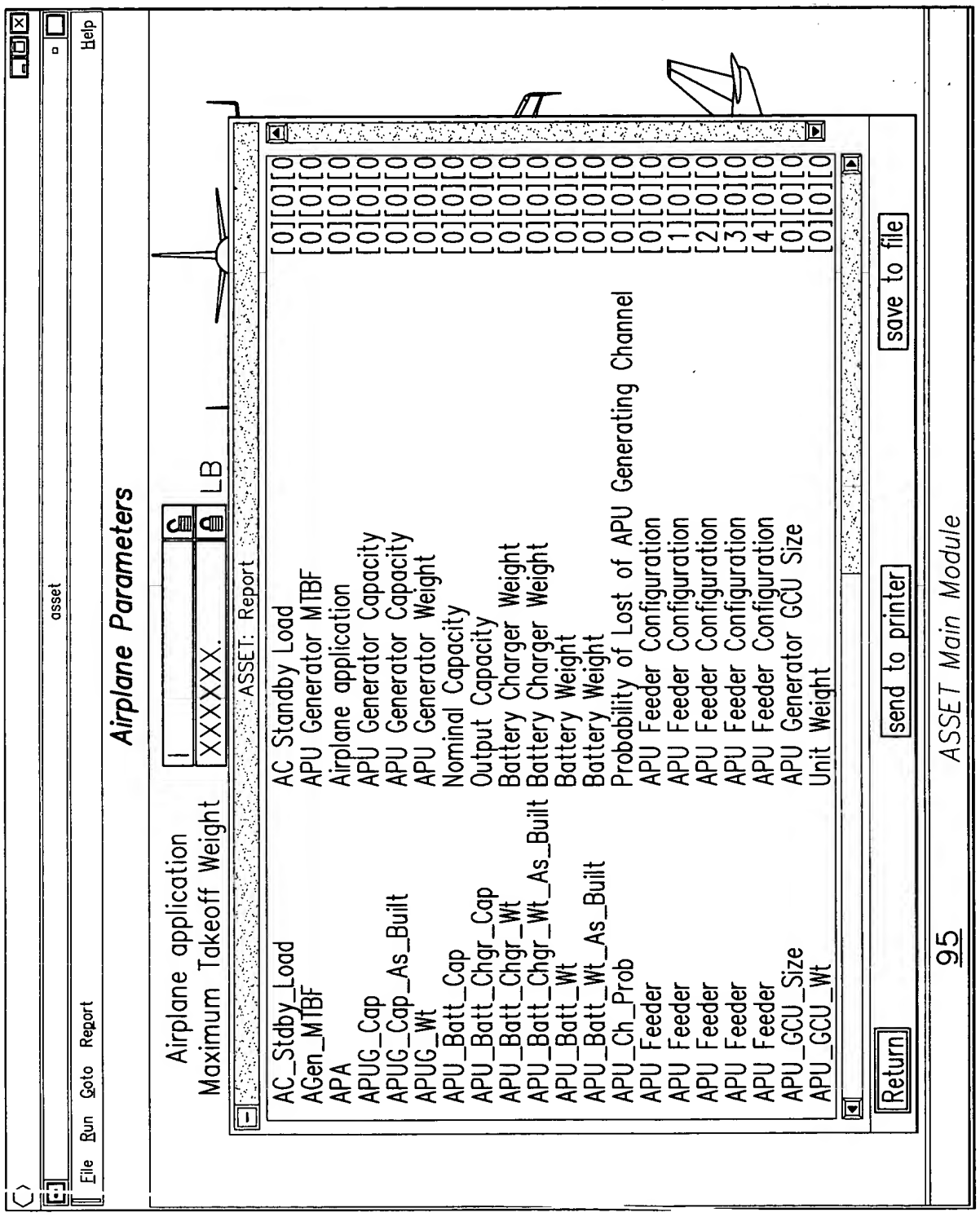


FIG. 74

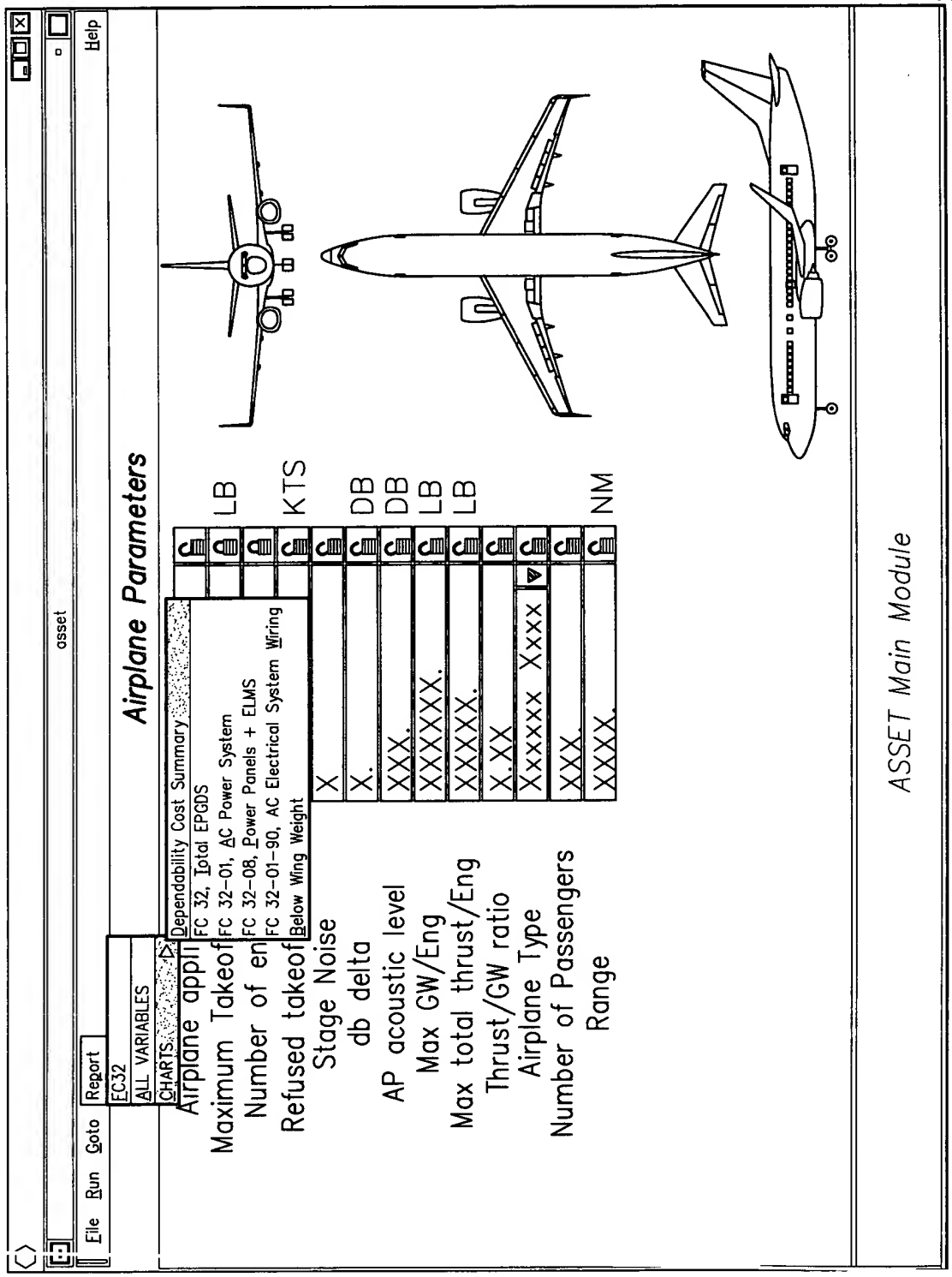


FIG. 75

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECT[illegible]AL POWER GENERATION AND DISTRIBUTION S[illegible]M COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

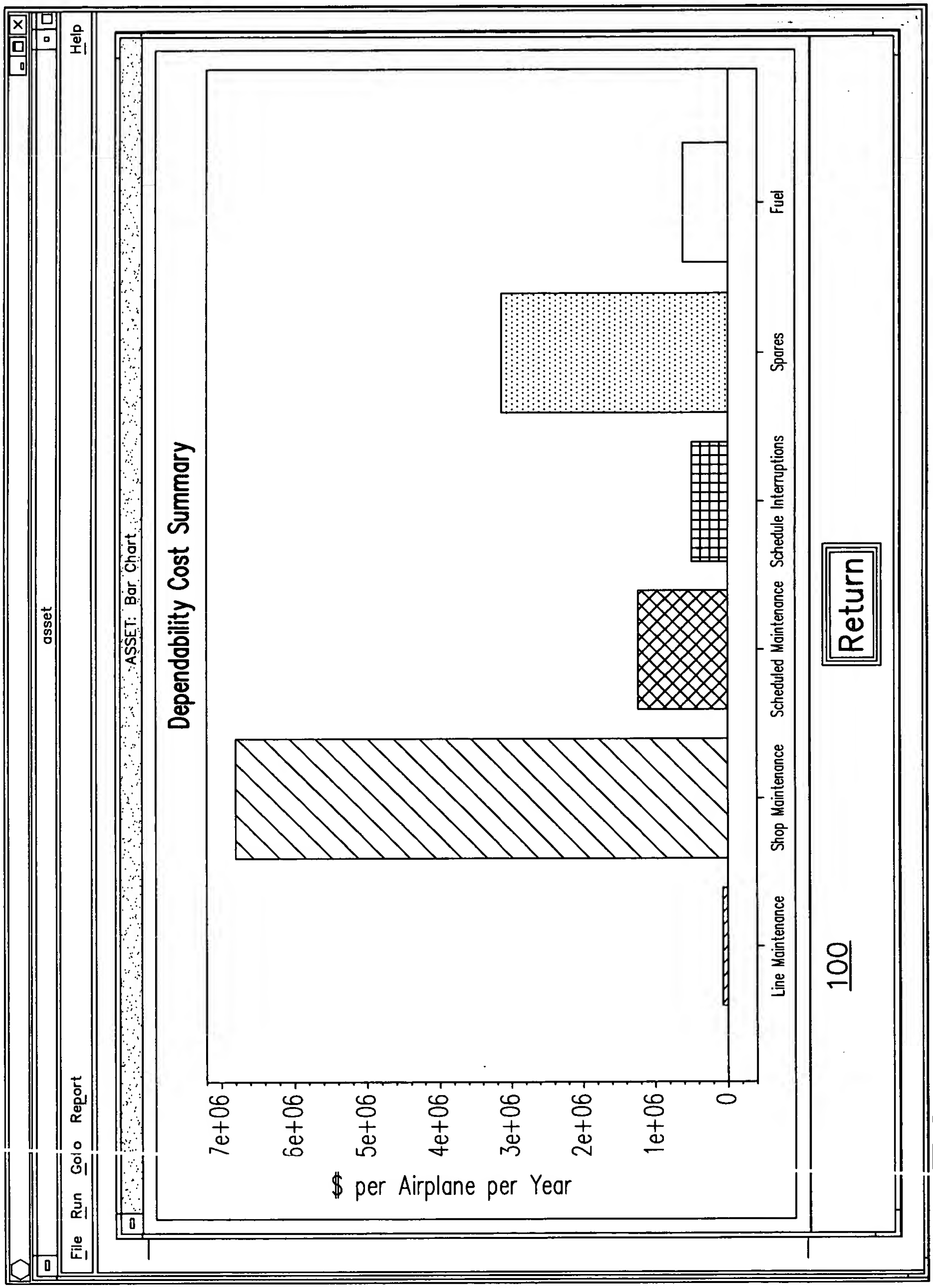
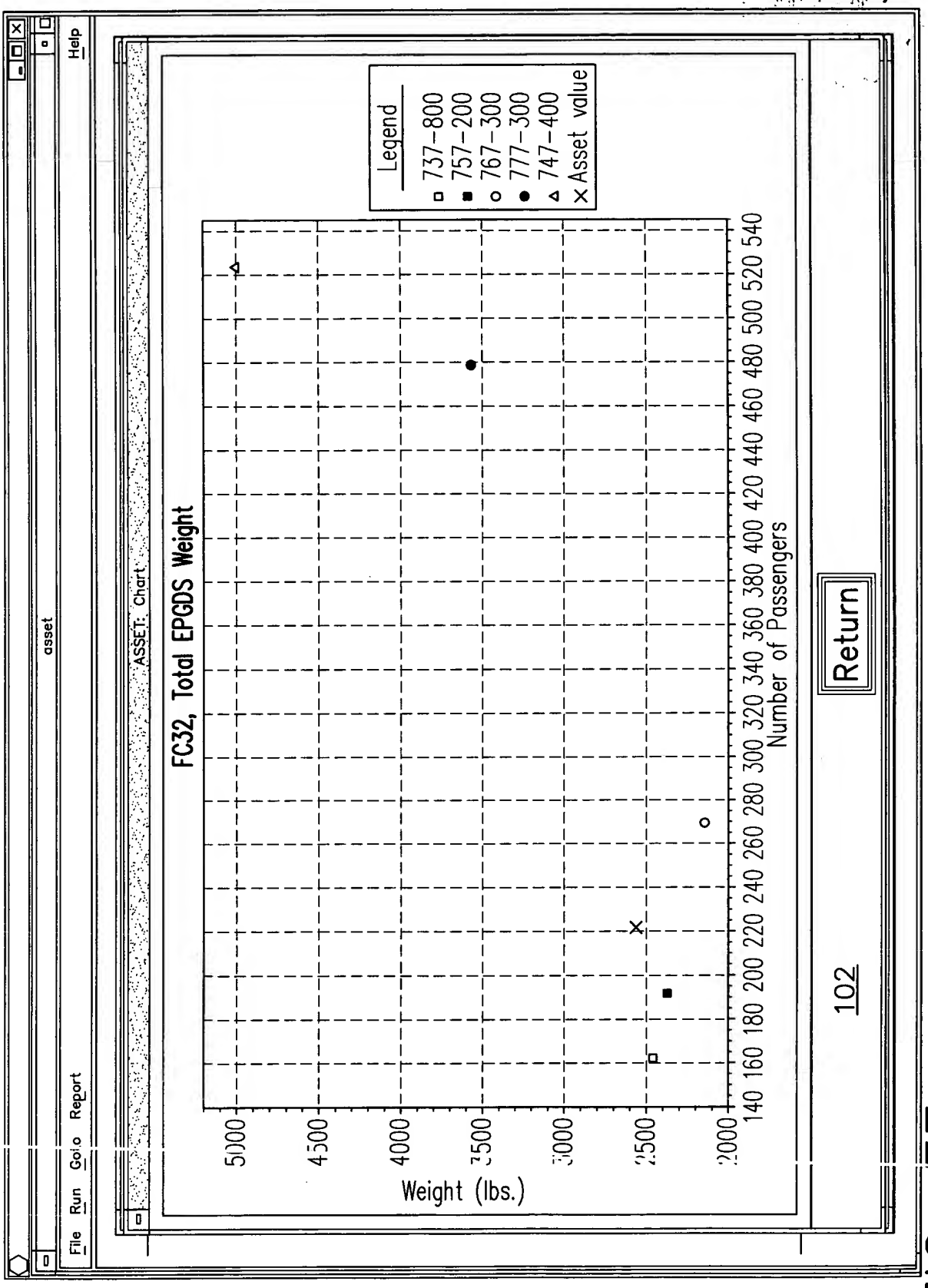


FIG. 76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asset
File Run Goto Report
ASSET: Chart
FC32, Total EPGDS Weight
Legend
737-800
757-200
767-300
777-300
747-400
Asset value
Weight (lbs.)
5000
4500
4000
3500
3000
2500
2000
140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500 520 540
Number of Passengers
Return
102

FIG. 77

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

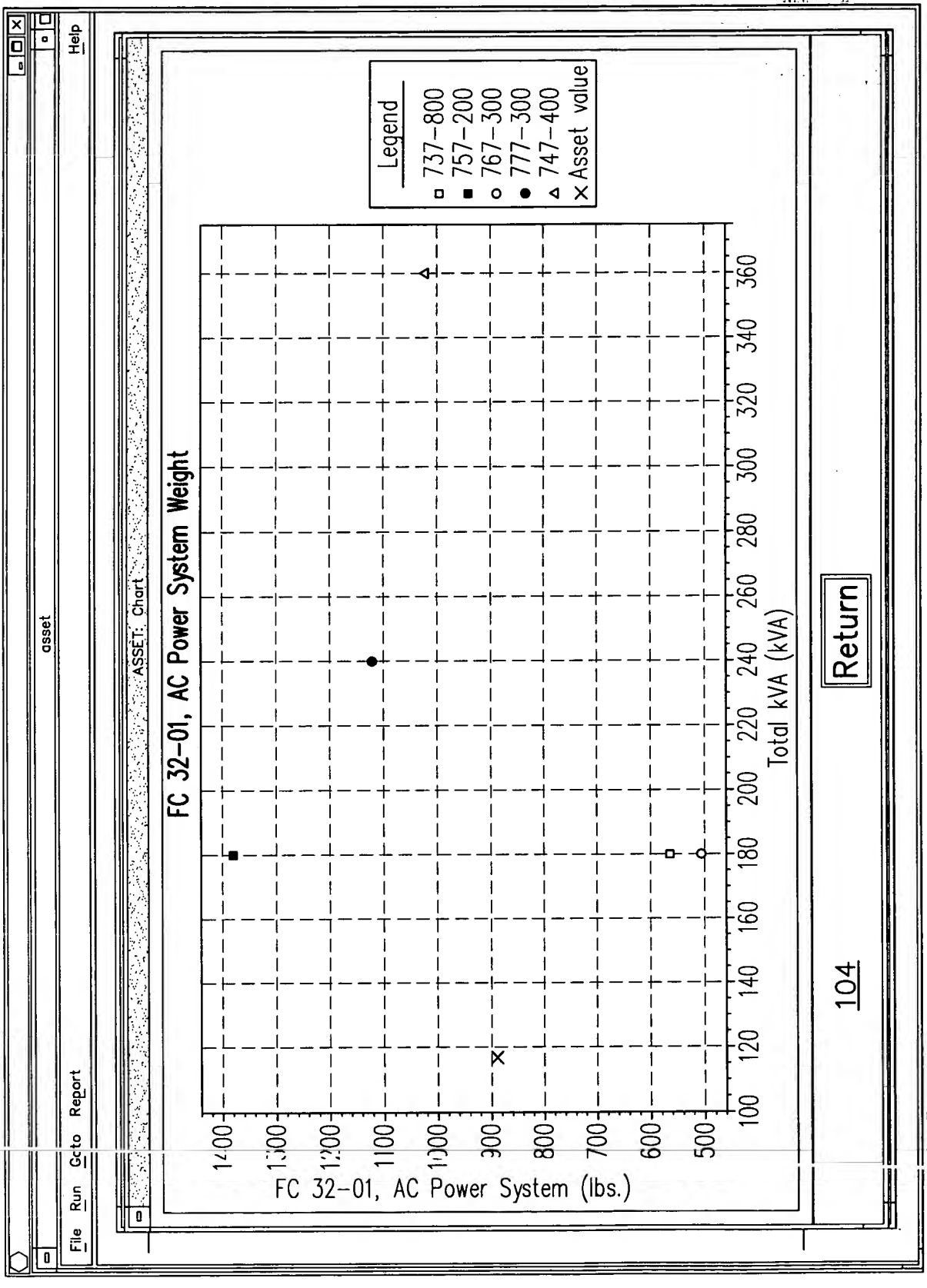

FIG. 78

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELEC _ POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

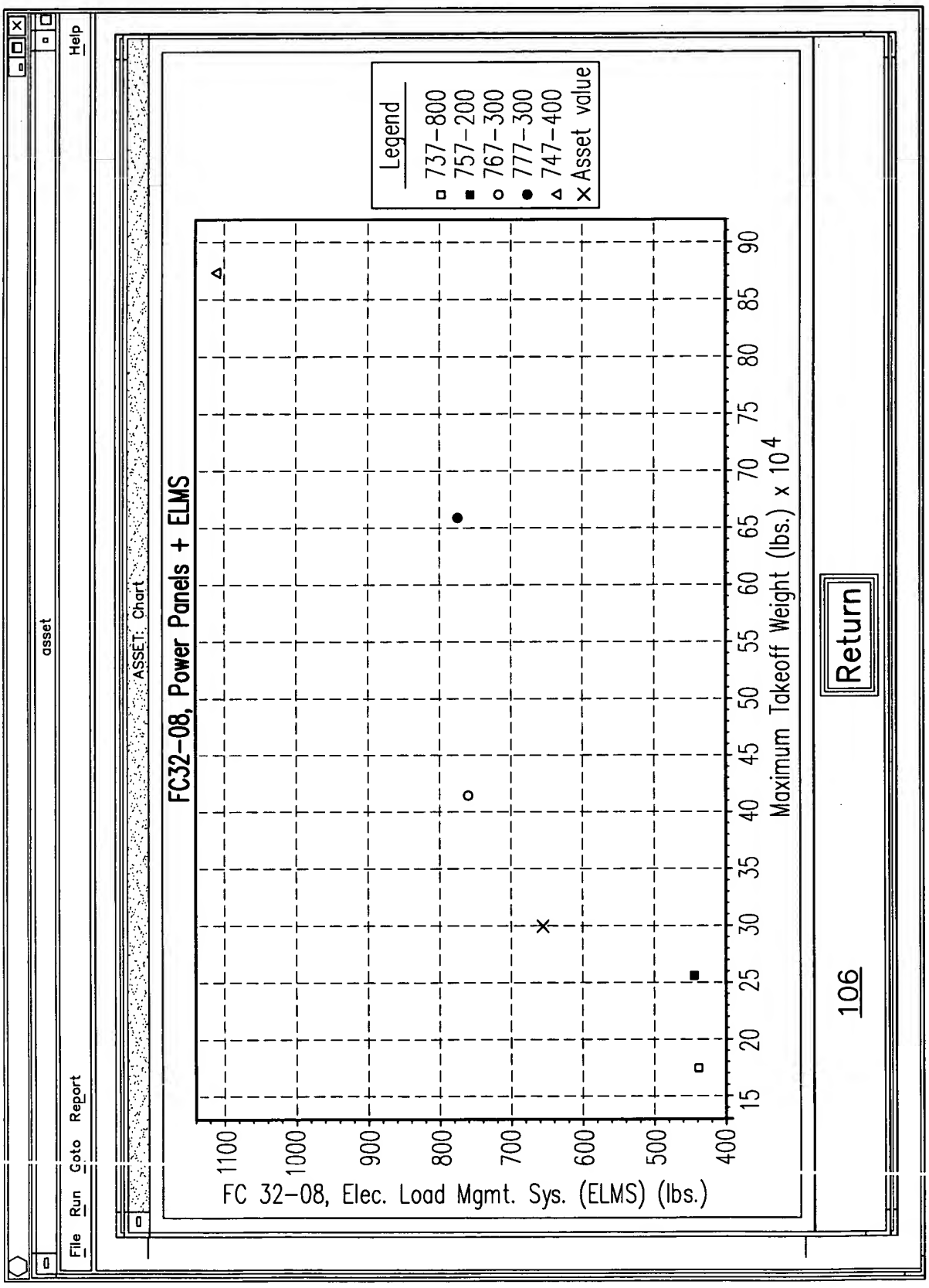

FIG. 79

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELECTRICAL POWER GENERATION AND DISTRIBUTION SYSTEM COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

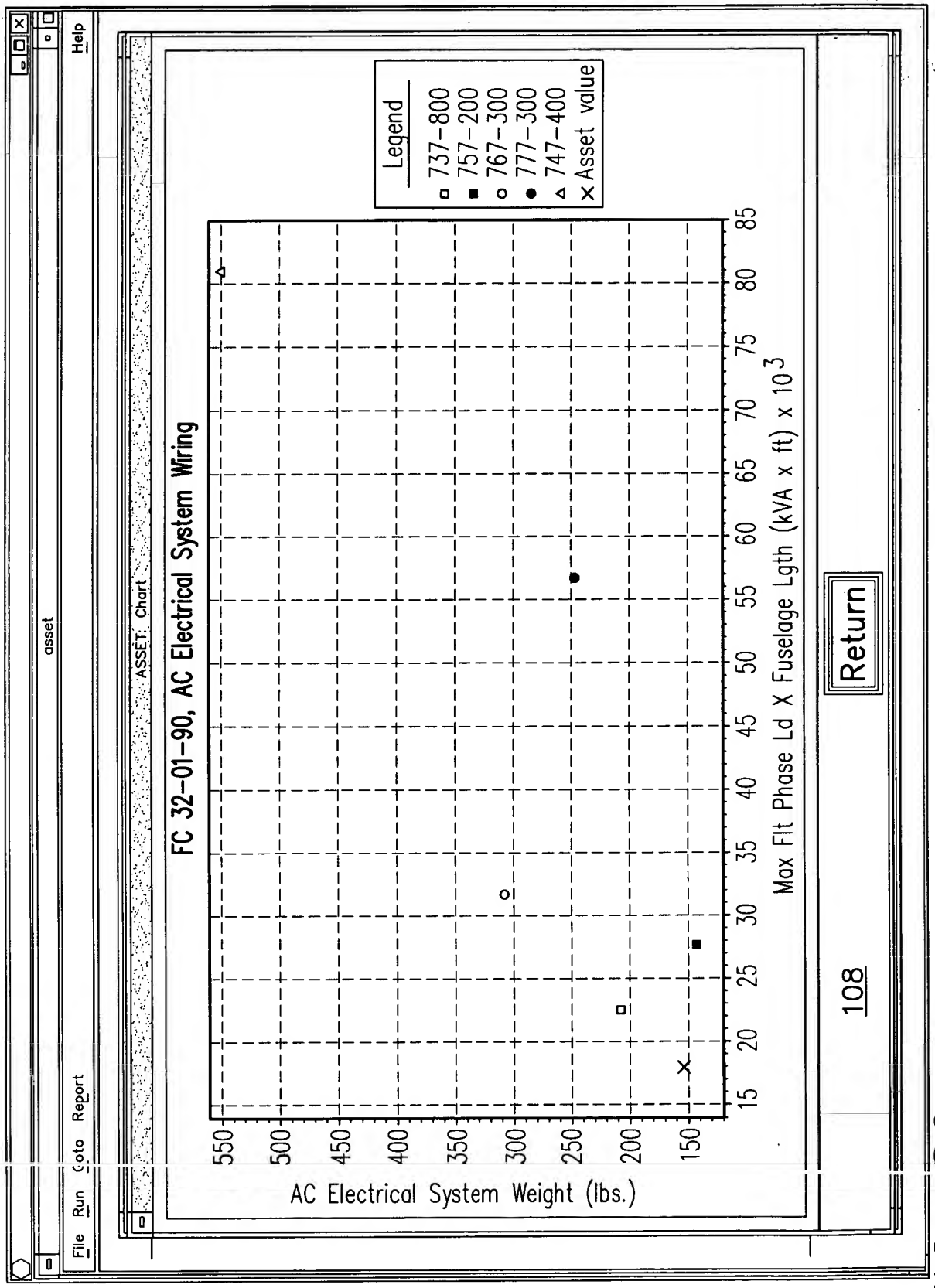

FIG. 80

TITLE: AIRCRAFT SYNTHESIS AND SYSTEMS EVALUATION METHOD FOR DETERMINING AND EVALUATING ELEC[redacted] POWER GENERATION AND DISTRIBUTION S[redacted] COMPONENTS
INVENTOR: BOND, et al.
SN: 09/900,522; FILED 7/6/01
ATTY: MARK D. ELCHUK; PHONE: (248) 641-1229

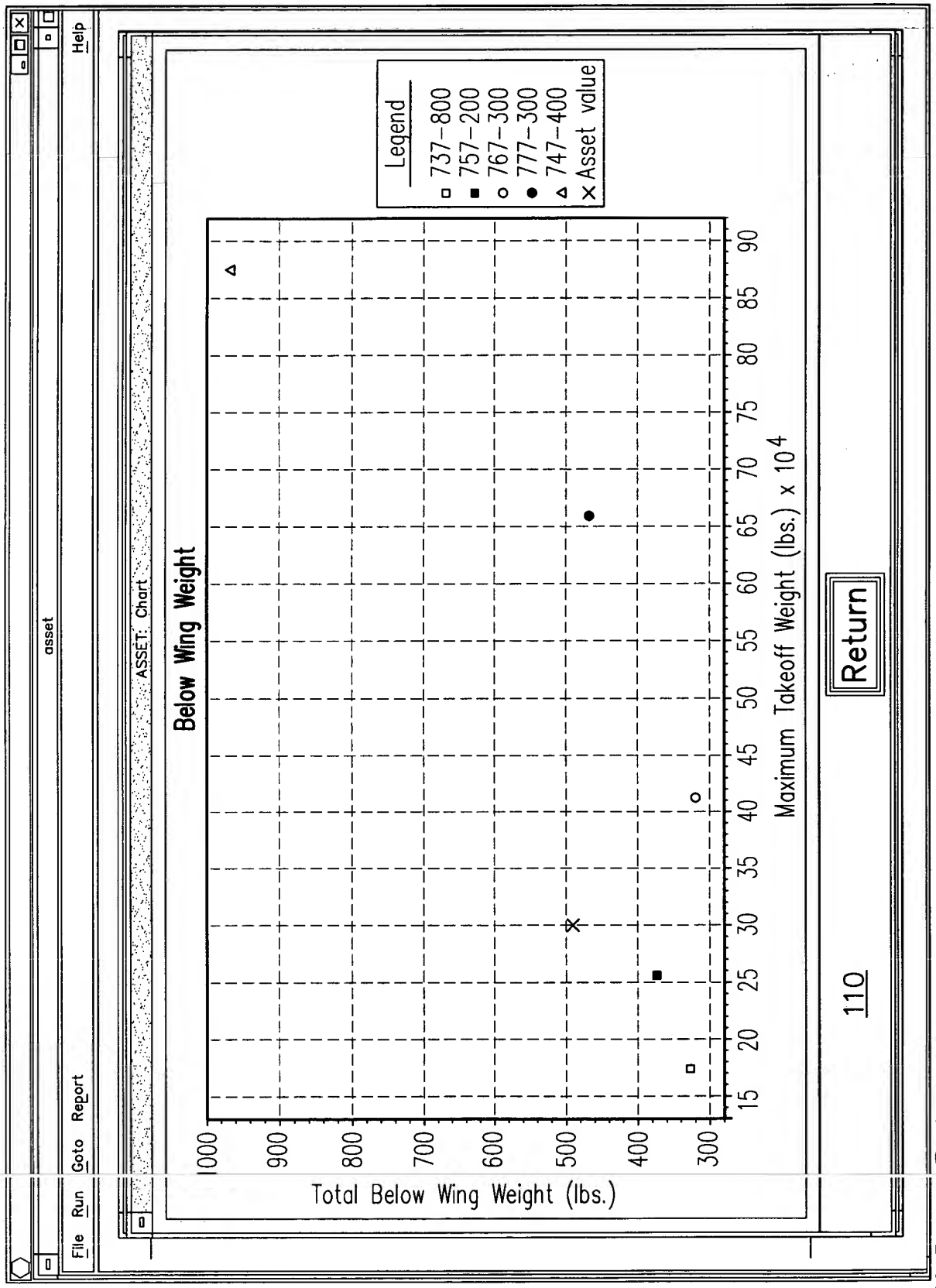

FIG. 81